

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013123\
 Data File : VD075249.D
 Acq On : 31 Jan 2023 11:43
 Operator : KP/SY
 Sample : VD0131SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

Quant Time: Feb 01 00:40:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	55660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	86041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32833	57.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.620%
35) Dibromofluoromethane	7.810	113	32618	56.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.680%
50) Toluene-d8	10.269	98	122689	54.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.575	95	39394	54.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	11905	25.828	ug/l	96
3) Chloromethane	2.146	50	17424	24.234	ug/l	94
4) Vinyl Chloride	2.281	62	18387	23.833	ug/l	95
5) Bromomethane	2.681	94	11585	22.080	ug/l	94
6) Chloroethane	2.834	64	11979	22.393	ug/l	96
7) Trichlorofluoromethane	3.169	101	23416	23.878	ug/l	98
8) Diethyl Ether	3.587	74	6103	19.315	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	13896	22.954	ug/l	96
10) Methyl Iodide	4.163	142	14727	18.071	ug/l	96
11) Tert butyl alcohol	5.052	59	3680	92.875	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	13054	20.483	ug/l	89
13) Acrolein	3.799	56	3622	92.882	ug/l	88
14) Allyl chloride	4.558	41	20972	20.276	ug/l	92
15) Acrylonitrile	5.258	53	15162	113.483	ug/l	97
16) Acetone	4.022	43	15821	105.615	ug/l	99
17) Carbon Disulfide	4.269	76	42490	20.555	ug/l	97
18) Methyl Acetate	4.563	43	9223	22.651	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	28861	21.678	ug/l	99
20) Methylene Chloride	4.805	84	18360	18.588	ug/l	90
21) trans-1,2-Dichloroethene	5.316	96	15122	21.314	ug/l	98
22) Diisopropyl ether	6.210	45	40732	21.158	ug/l #	96
23) Vinyl Acetate	6.157	43	73131	86.192	ug/l	96
24) 1,1-Dichloroethane	6.105	63	26784	22.139	ug/l	96
25) 2-Butanone	7.081	43	20026	110.611	ug/l	97
26) 2,2-Dichloropropane	7.075	77	23511	21.801	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	16664	21.547	ug/l	98
28) Bromochloromethane	7.440	49	7648	23.154	ug/l #	100
29) Tetrahydrofuran	7.440	42	11619	112.518	ug/l	98
30) Chloroform	7.599	83	27237	22.577	ug/l	98
31) Cyclohexane	7.875	56	23769	20.866	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	23221	22.341	ug/l	96
36) 1,1-Dichloropropene	8.010	75	20110	21.811	ug/l	99
37) Ethyl Acetate	7.169	43	8153	21.949	ug/l #	94
38) Carbon Tetrachloride	7.987	117	18208	23.455	ug/l	97
39) Methylcyclohexane	9.275	83	23779	20.928	ug/l	97
40) Benzene	8.251	78	58303	22.174	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3980	17.806	ug/l	88
42) 1,2-Dichloroethane	8.322	62	16370	23.701	ug/l	100
43) Isopropyl Acetate	8.357	43	15905	22.003	ug/l #	81
44) Trichloroethene	9.028	130	16116	21.796	ug/l	92
45) 1,2-Dichloropropane	9.304	63	14463	22.330	ug/l	95
46) Dibromomethane	9.393	93	8334	24.398	ug/l	92
47) Bromodichloromethane	9.587	83	19435	22.934	ug/l	98
48) Methyl methacrylate	9.381	41	8007	22.652	ug/l	95
49) 1,4-Dioxane	9.387	88	1491	457.220	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	41065	118.301	ug/l	95
52) Toluene	10.334	92	36667	22.067	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	18429	22.986	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	20965	21.403	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	10328	22.847	ug/l	93
56) Ethyl methacrylate	10.598	69	12198	22.438	ug/l	98
57) 1,3-Dichloropropane	10.881	76	17600	22.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	23019	123.743	ug/l	99
59) 2-Hexanone	10.922	43	30276	120.626	ug/l	93
60) Dibromochloromethane	11.075	129	12824	23.536	ug/l	100
61) 1,2-Dibromoethane	11.181	107	10052	23.273	ug/l	100
64) Tetrachloroethene	10.810	164	13758	22.392	ug/l	90
65) Chlorobenzene	11.610	112	38261	21.701	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	13603	22.938	ug/l	97
67) Ethyl Benzene	11.687	91	69238	21.817	ug/l	97
68) m/p-Xylenes	11.798	106	54166	44.182	ug/l	100
69) o-Xylene	12.122	106	24749	21.521	ug/l	95
70) Styrene	12.140	104	43356	22.679	ug/l	99
71) Bromoform	12.304	173	7143	23.327	ug/l #	97
73) Isopropylbenzene	12.422	105	67098	20.187	ug/l	98
74) N-amyl acetate	12.239	43	13720	18.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	11844	22.365	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	14808	41.550	ug/l #	100
77) Bromobenzene	12.704	156	14875	19.593	ug/l	92
78) n-propylbenzene	12.769	91	83965	20.557	ug/l	99
79) 2-Chlorotoluene	12.851	91	46236	20.582	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	56998	20.930	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	3263	21.238	ug/l	99
82) 4-Chlorotoluene	12.951	91	49258	21.327	ug/l	100
83) tert-Butylbenzene	13.169	119	49476	20.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	56012	20.944	ug/l	96
85) sec-Butylbenzene	13.351	105	75460	21.081	ug/l	97
86) p-Isopropyltoluene	13.463	119	60934	20.793	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	32035	21.768	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	31559	21.796	ug/l	100
89) n-Butylbenzene	13.792	91	58240	20.395	ug/l	99
90) Hexachloroethane	14.051	117	11522	22.265	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	27059	21.491	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1772	21.884	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	16570	20.041	ug/l	99
94) Hexachlorobutadiene	15.204	225	8211	20.264	ug/l	99
95) Naphthalene	15.333	128	29276	17.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	14118	20.012	ug/l	99

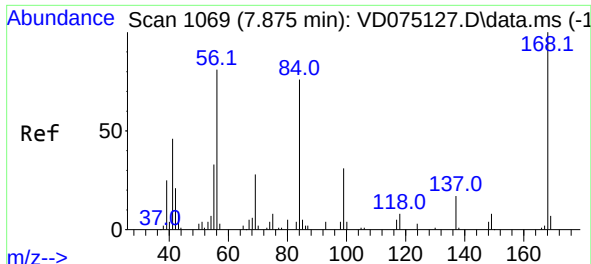
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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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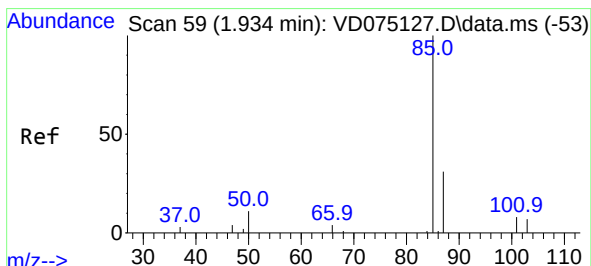
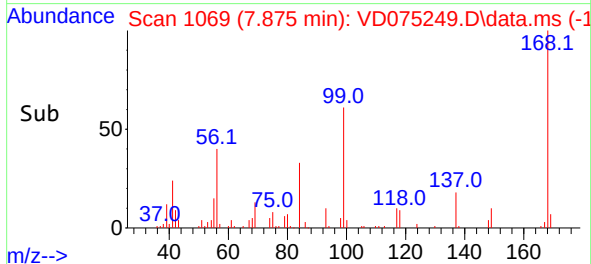
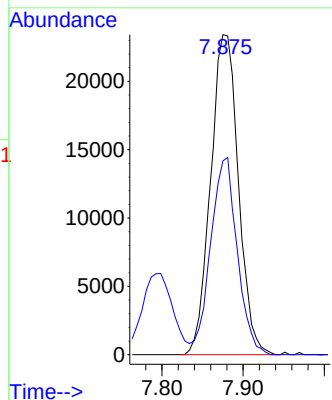
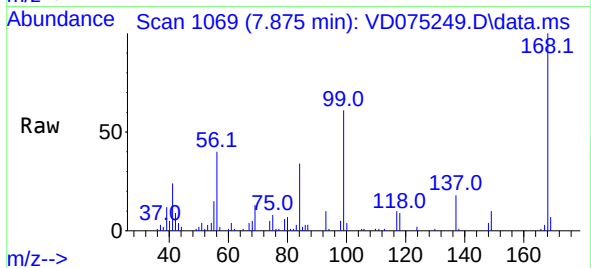
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

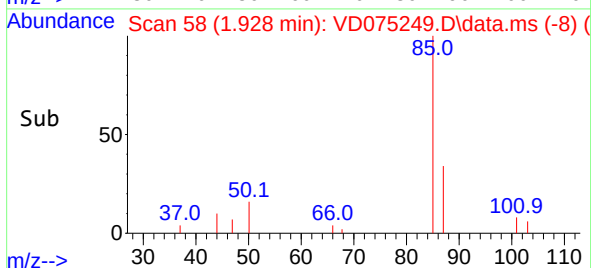
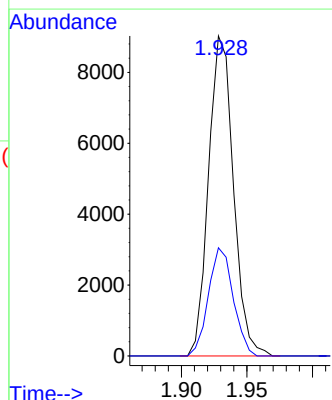
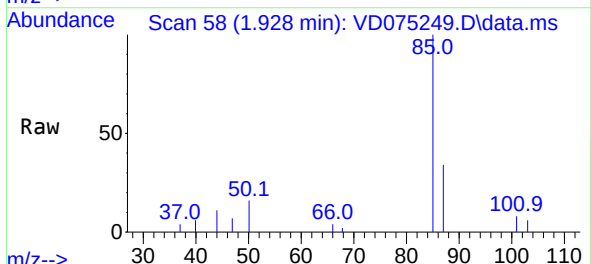
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

Tgt Ion:168 Resp: 55660
Ion Ratio Lower Upper
168 100
99 60.5 45.2 67.8

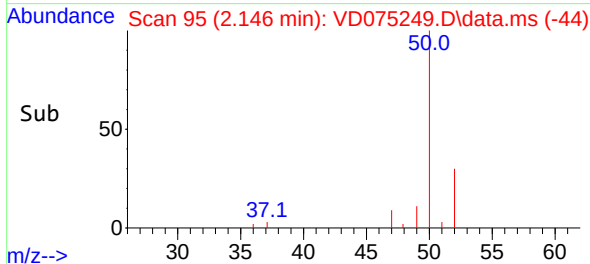
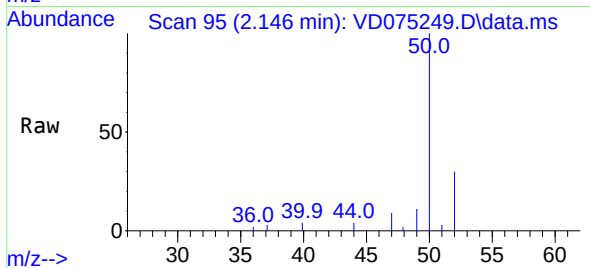
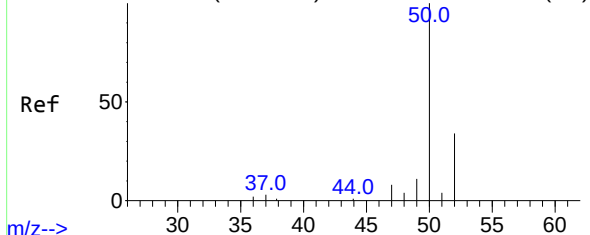


#2
Dichlorodifluoromethane
Concen: 25.828 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 85 Resp: 11905
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0



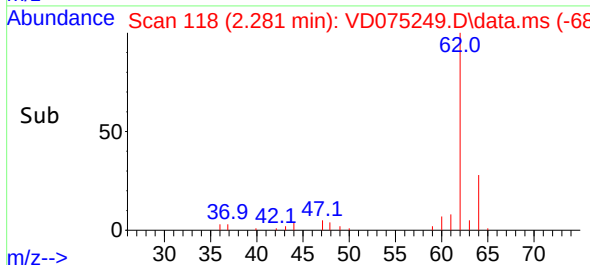
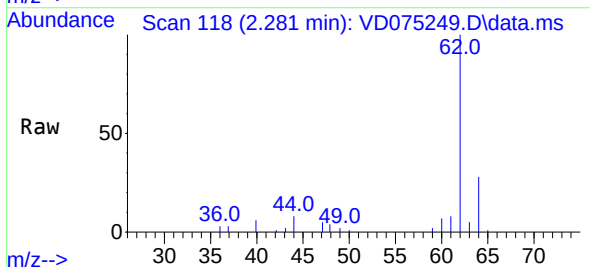
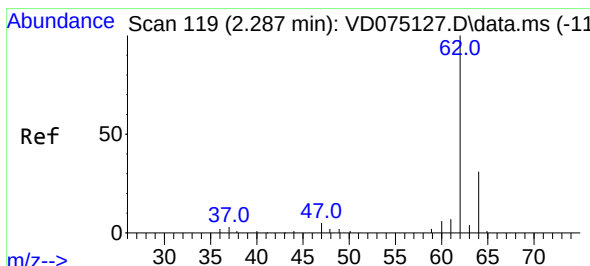
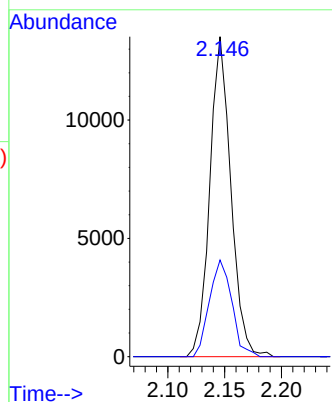
Abundance Scan 95 (2.146 min): VD075127.D\data.ms (-89)



#3
Chloromethane
Concen: 24.234 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

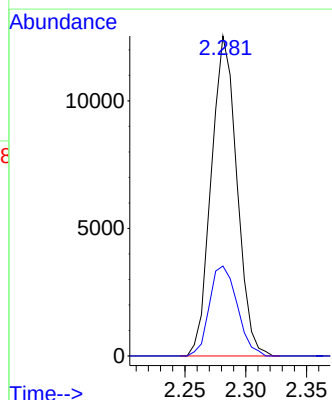
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

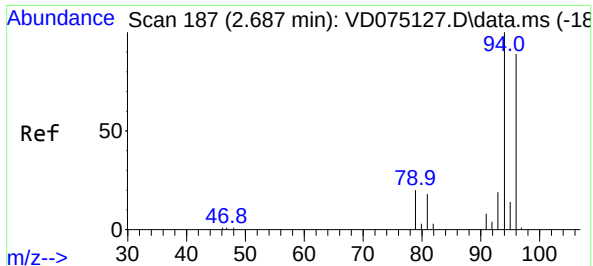
Tgt Ion: 50 Resp: 17424
Ion Ratio Lower Upper
50 100
52 30.2 27.0 40.6



#4
Vinyl Chloride
Concen: 23.833 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 62 Resp: 18387
Ion Ratio Lower Upper
62 100
64 28.1 24.8 37.2

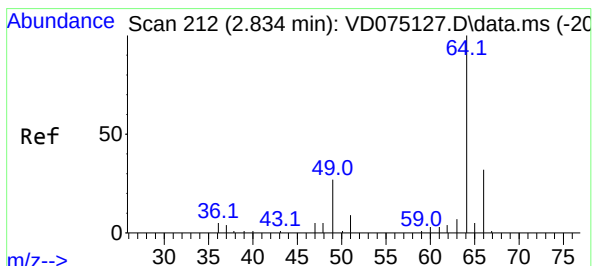
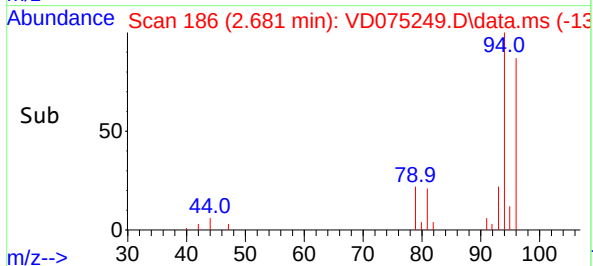
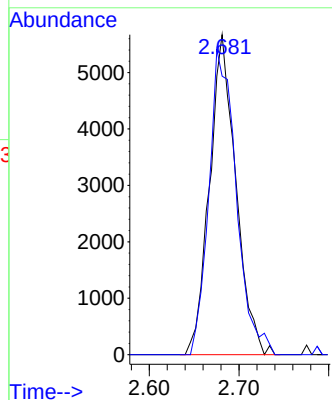
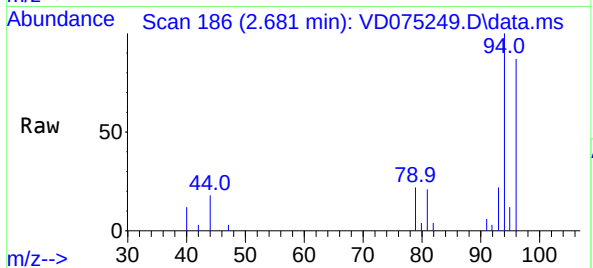




#5
Bromomethane
Concen: 22.080 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

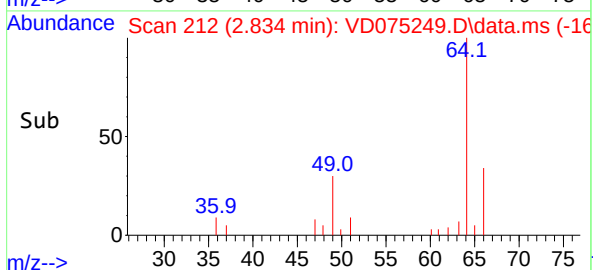
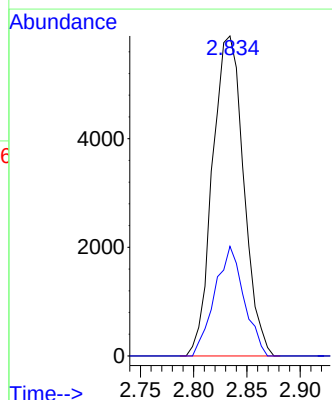
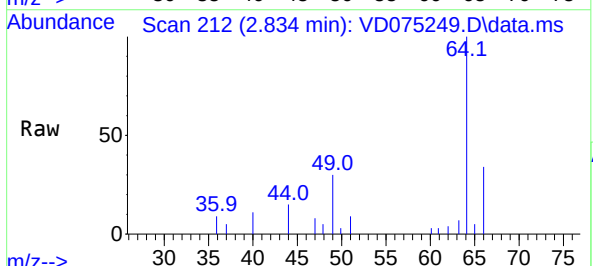
Instrument :
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ClientSampleId :
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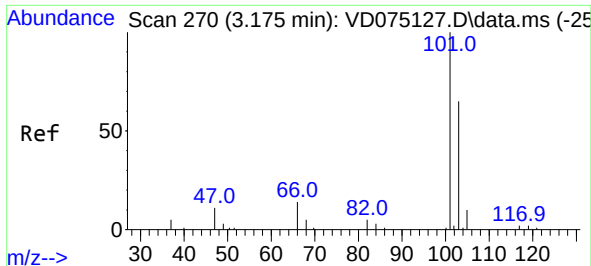
Tgt Ion: 94 Resp: 11585
Ion Ratio Lower Upper
94 100
96 99.0 74.8 112.2



#6
Chloroethane
Concen: 22.393 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 64 Resp: 11979
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.2

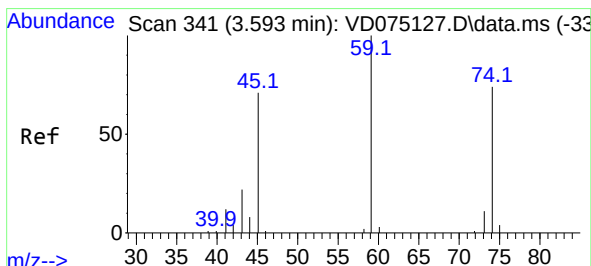
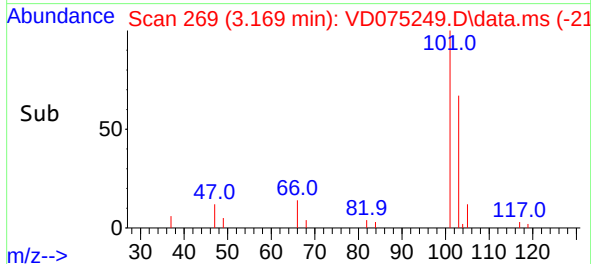
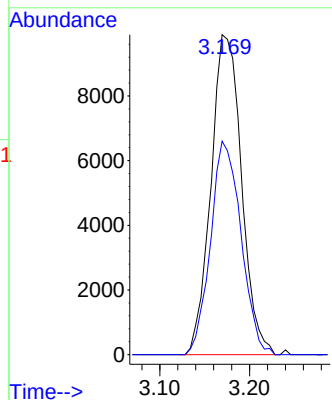
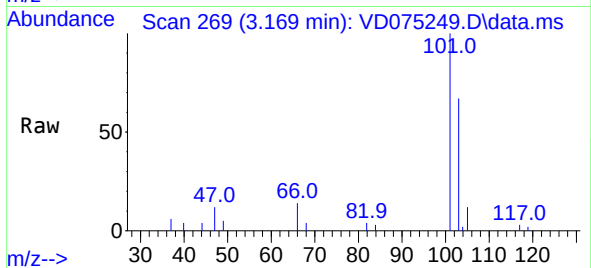




#7
Trichlorofluoromethane
Concen: 23.878 ug/l
RT: 3.169 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

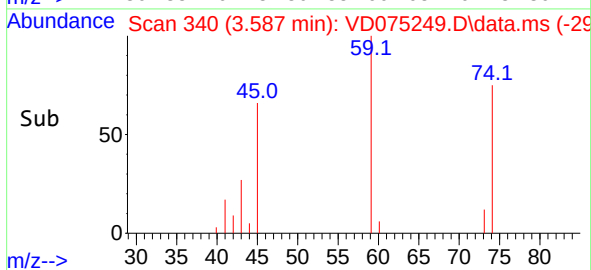
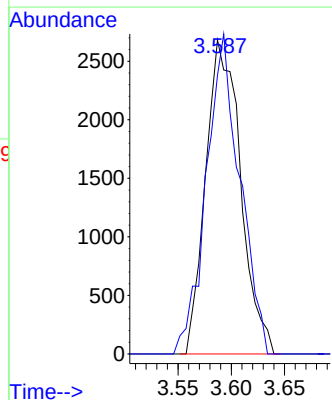
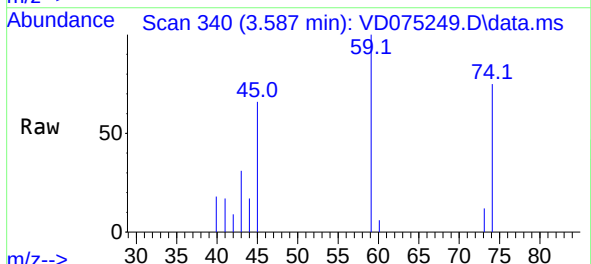
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

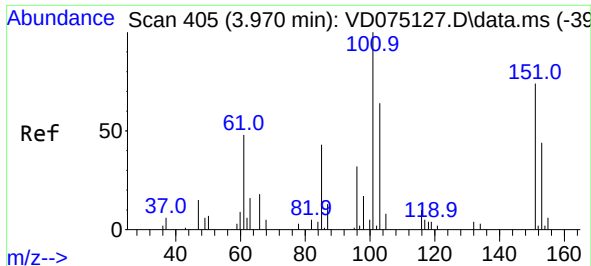
Tgt Ion:101 Resp: 23416
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.4



#8
Diethyl Ether
Concen: 19.315 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 74 Resp: 6103
Ion Ratio Lower Upper
74 100
45 98.2 49.8 149.3

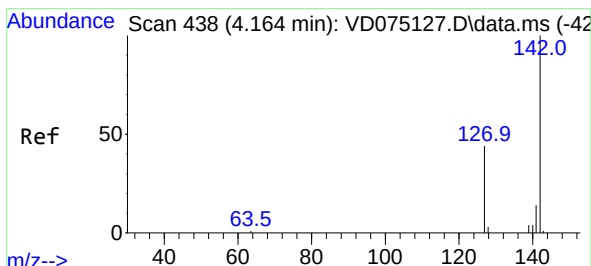
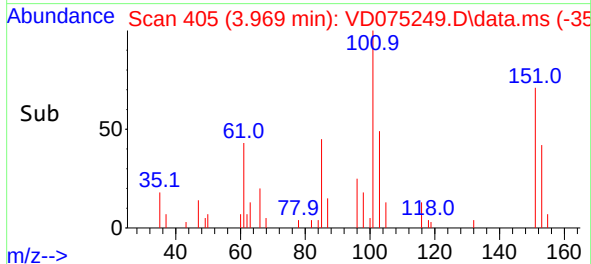
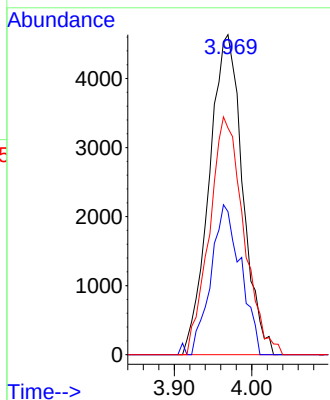
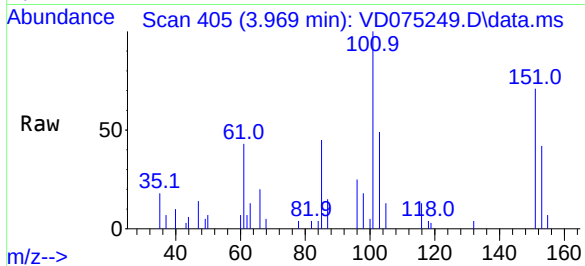




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.954 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075249.D
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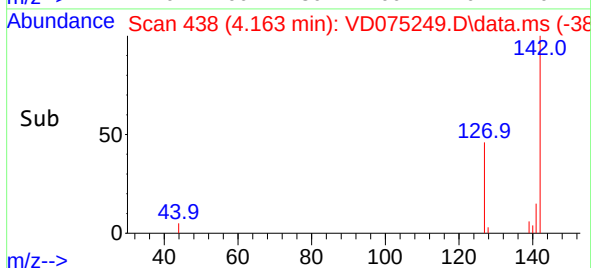
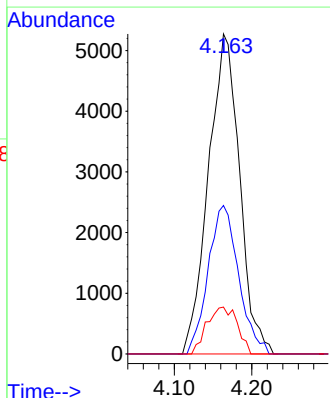
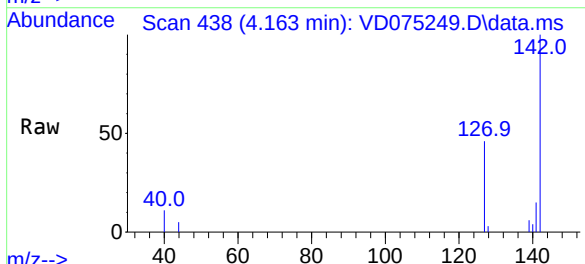
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

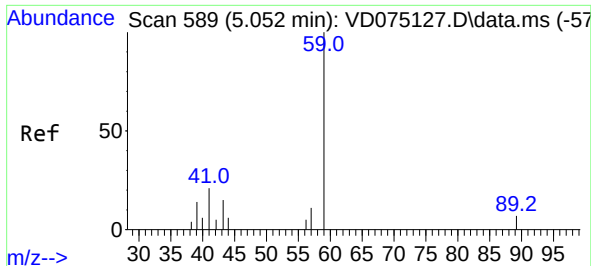
Tgt Ion:	101	Resp:	13896
Ion	Ratio	Lower	Upper
101	100		
85	41.7	36.9	55.3
151	76.3	58.9	88.3



#10
Methyl Iodide
Concen: 18.071 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:	142	Resp:	14727
Ion	Ratio	Lower	Upper
142	100		
127	45.4	33.6	50.4
141	14.3	11.1	16.7

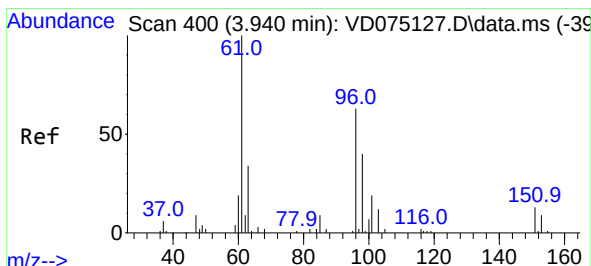
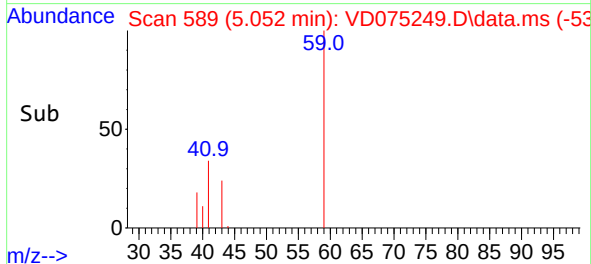
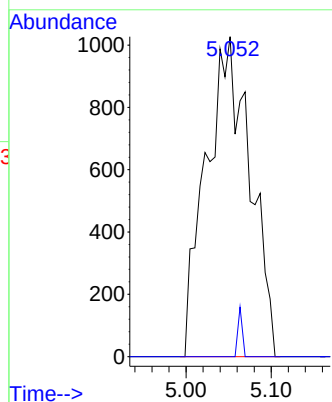
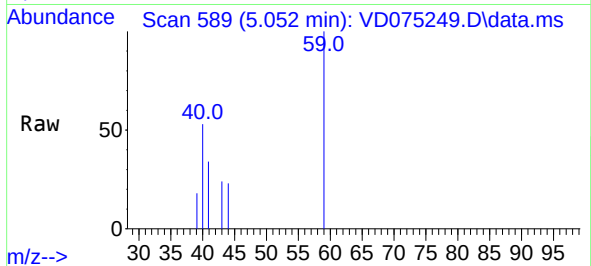




#11
Tert butyl alcohol
Concen: 92.875 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

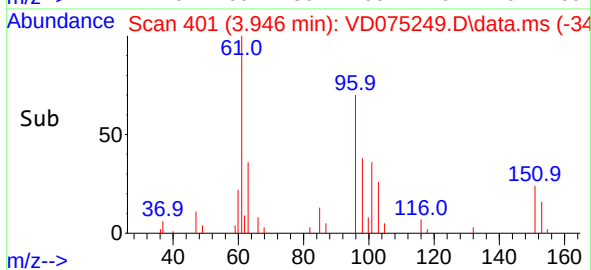
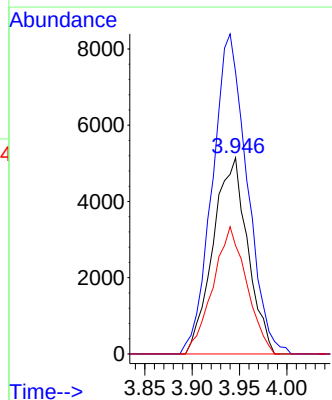
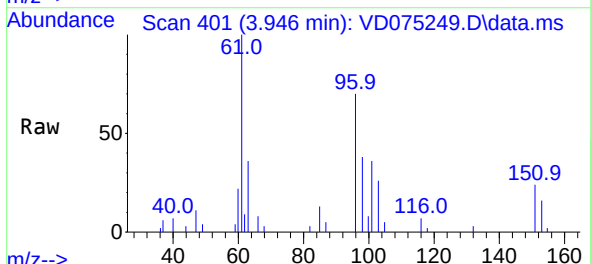
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

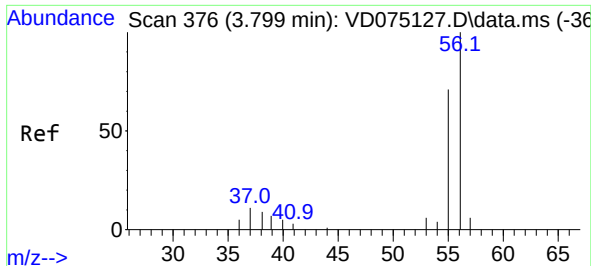
Tgt Ion: 59 Resp: 3680
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 20.483 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 96 Resp: 13054
Ion Ratio Lower Upper
96 100
61 143.6 126.8 190.2
98 55.2 50.4 75.6

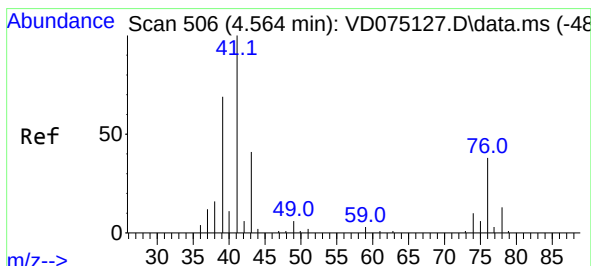
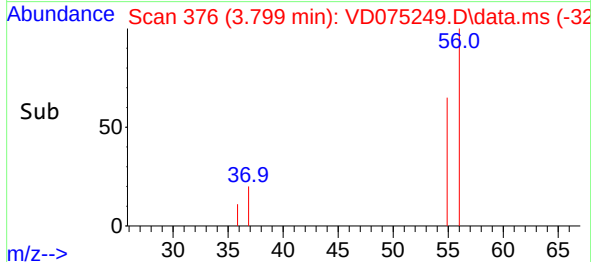
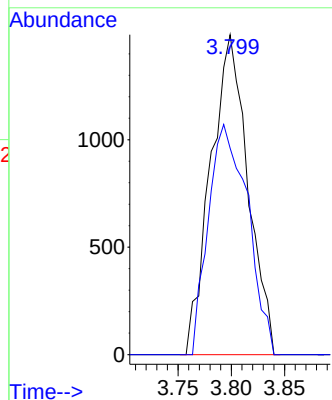
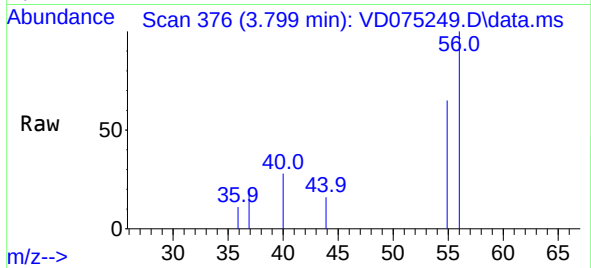




#13
Acrolein
Concen: 92.882 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

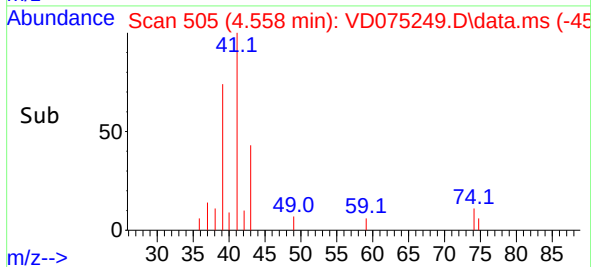
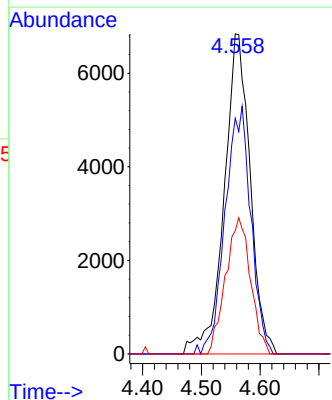
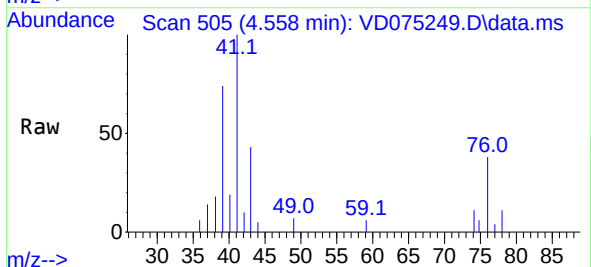
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

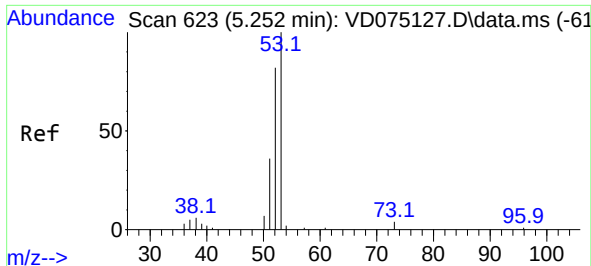
Tgt Ion: 56 Resp: 3622
Ion Ratio Lower Upper
56 100
55 75.8 53.0 79.6



#14
Allyl chloride
Concen: 20.276 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 41 Resp: 20972
Ion Ratio Lower Upper
41 100
39 76.6 55.4 83.0
76 40.7 30.2 45.2

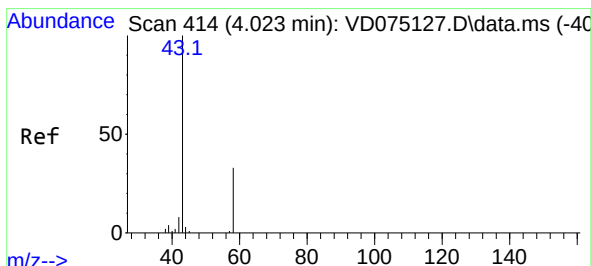
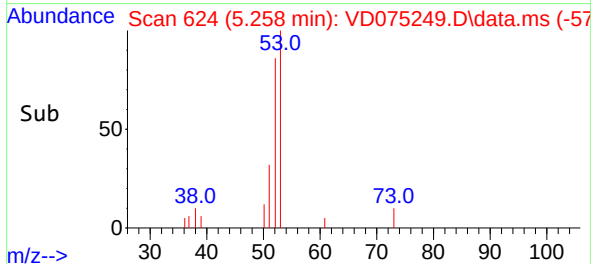
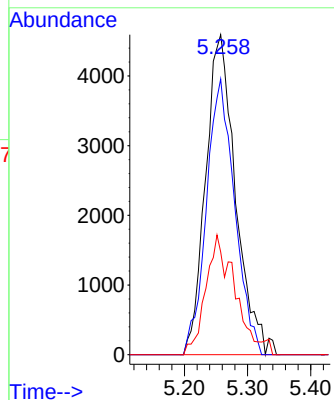
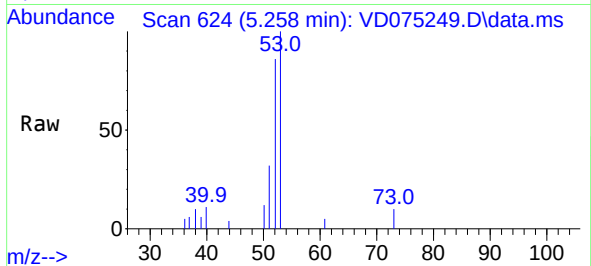




#15
Acrylonitrile
Concen: 113.483 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

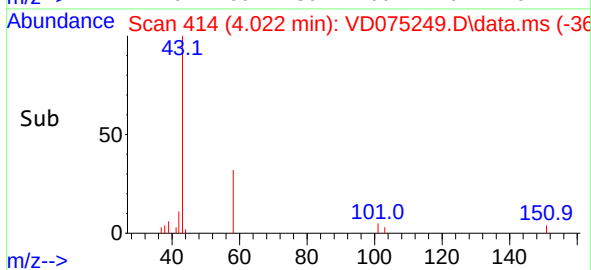
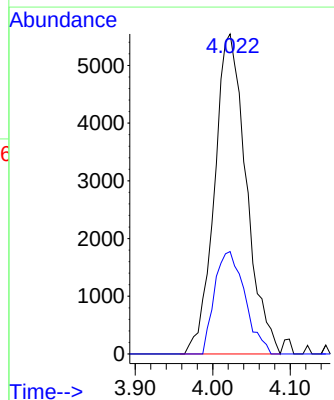
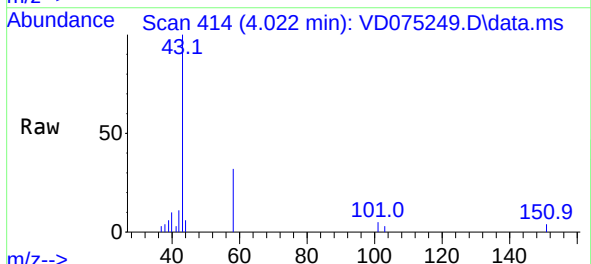
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

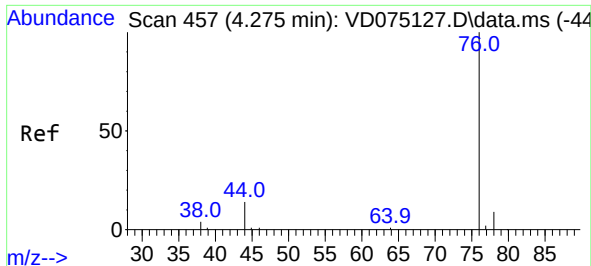
Tgt Ion: 53	Resp:	15162
Ion	Ratio	Lower Upper
53	100	
52	81.2	67.0 100.6
51	36.2	30.1 45.1



#16
Acetone
Concen: 105.615 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 43	Resp:	15821
Ion	Ratio	Lower Upper
43	100	
58	32.0	26.0 39.0

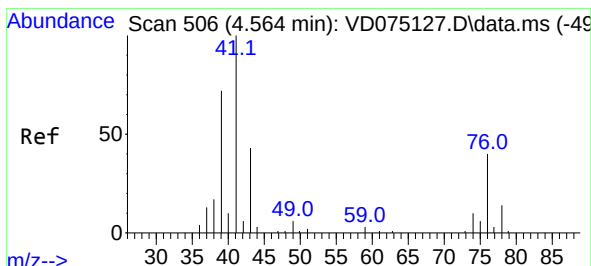
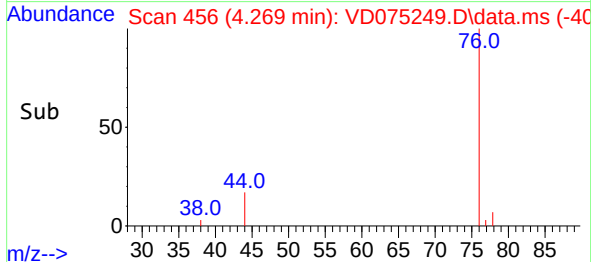
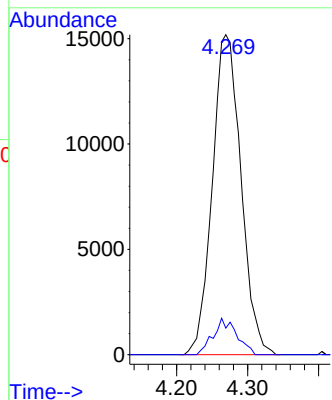
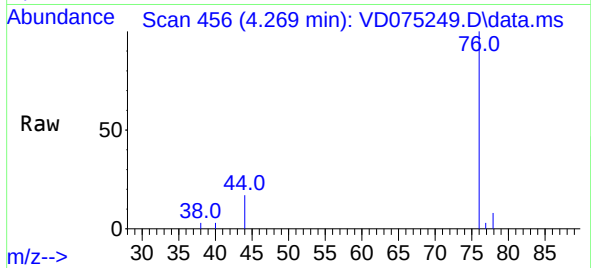




#17
Carbon Disulfide
Concen: 20.555 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

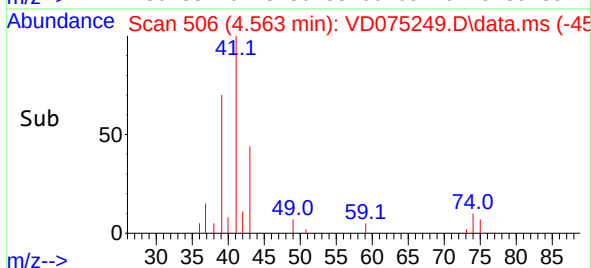
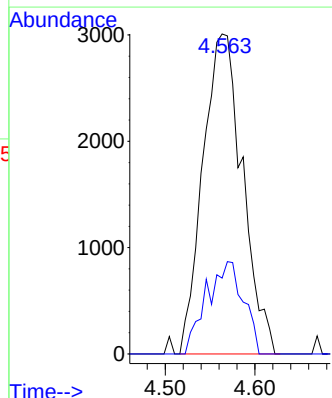
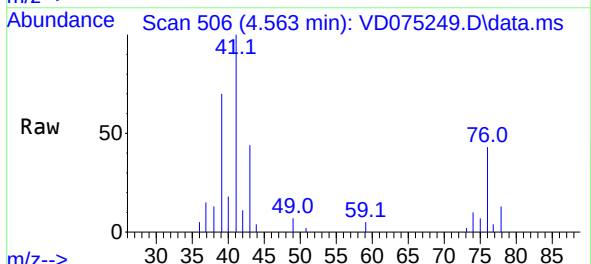
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

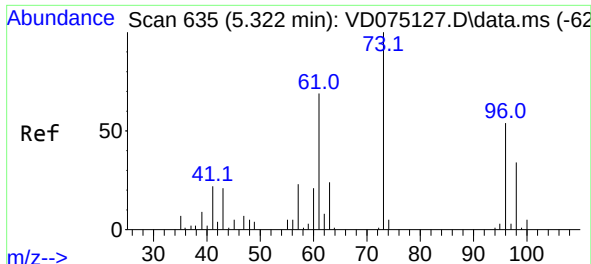
Tgt Ion: 76 Resp: 42490
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0



#18
Methyl Acetate
Concen: 22.651 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 43 Resp: 9223
Ion Ratio Lower Upper
43 100
74 26.7 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 21.678 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

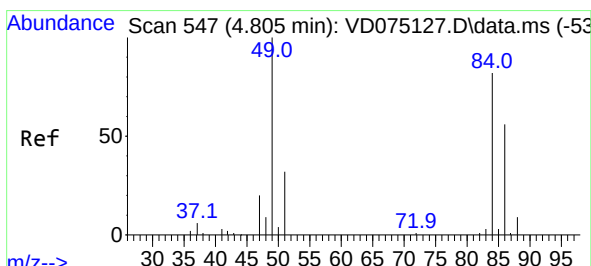
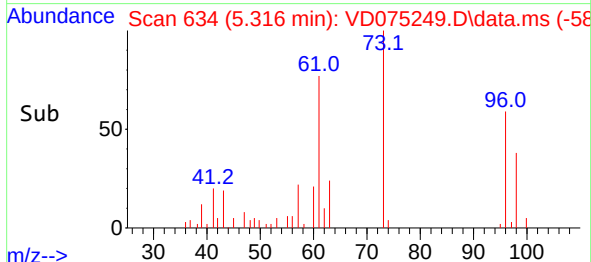
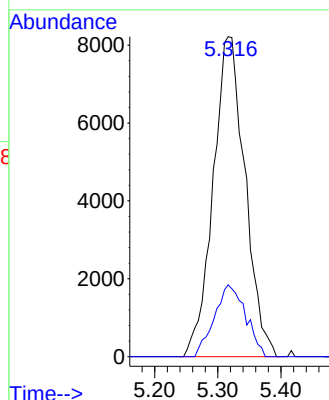
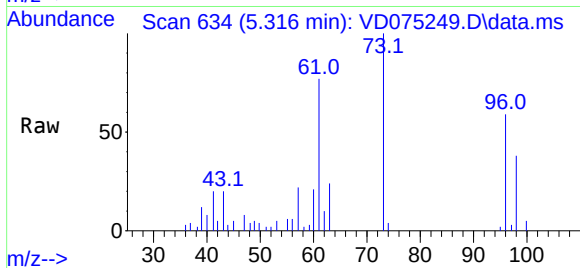
VD0131SBS01

Tgt Ion: 73 Resp: 28861

Ion Ratio Lower Upper

73 100

57 22.4 18.5 27.7



#20

Methylene Chloride

Concen: 18.588 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Tgt Ion: 84 Resp: 18360

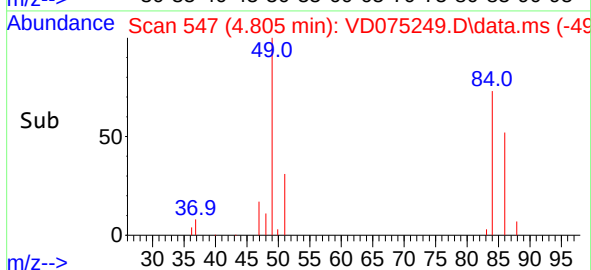
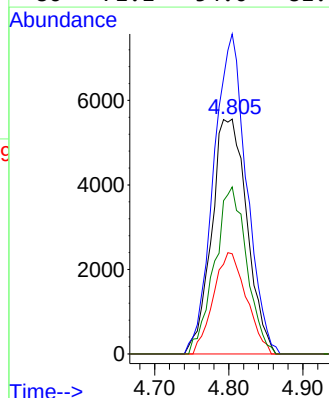
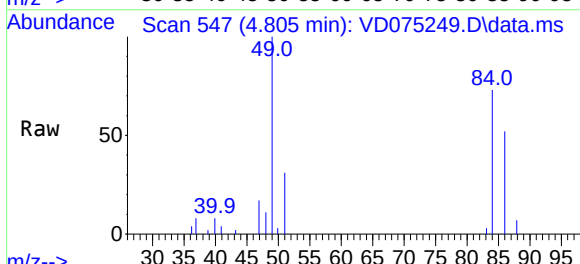
Ion Ratio Lower Upper

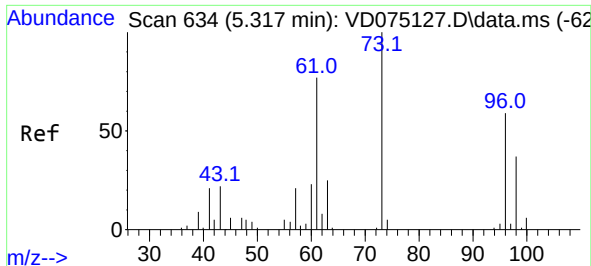
84 100

49 136.3 97.0 145.6

51 42.7 30.9 46.3

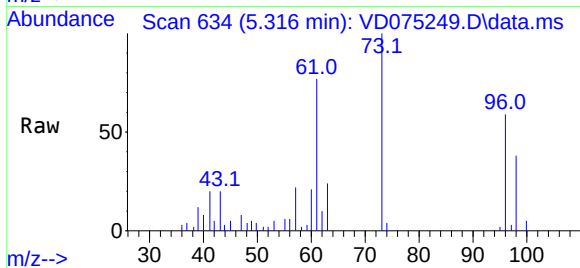
86 71.1 54.0 81.0





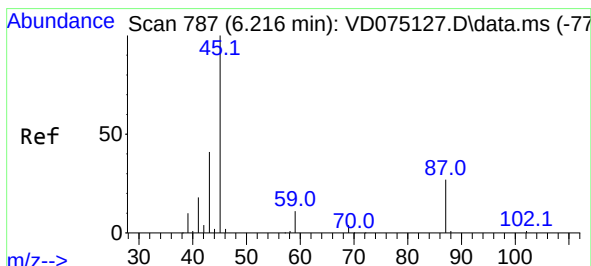
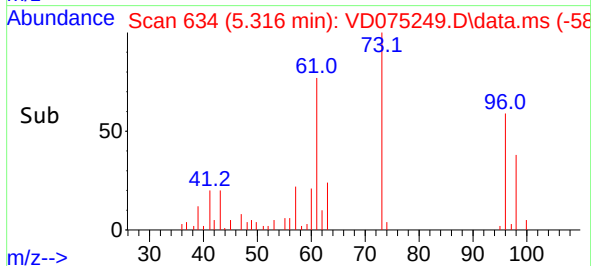
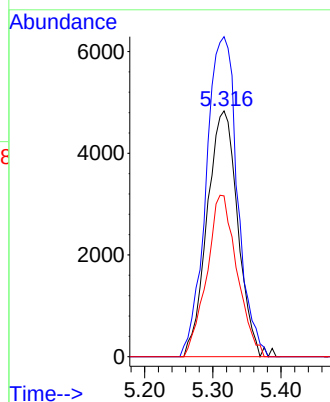
#21
trans-1,2-Dichloroethene
Concen: 21.314 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01



Tgt Ion: 96 Resp: 15122

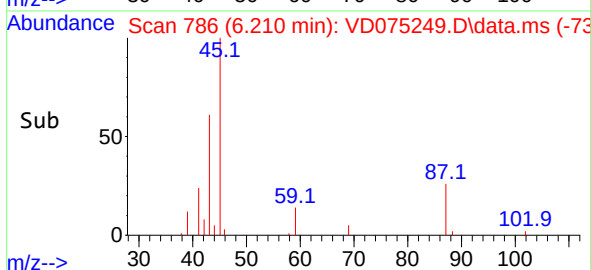
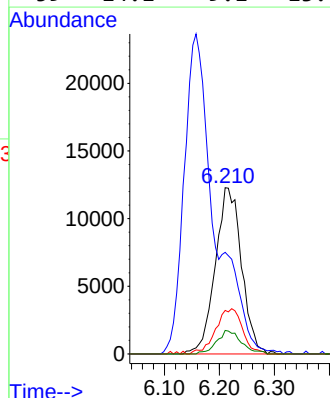
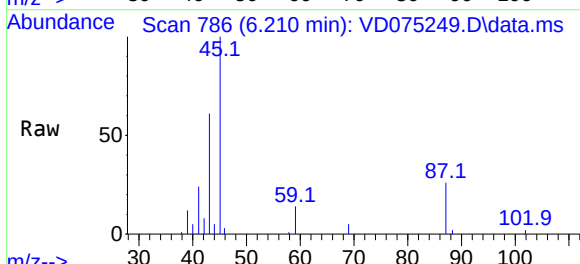
Ion	Ratio	Lower	Upper
96	100		
61	130.2	105.7	158.5
98	65.5	50.4	75.6

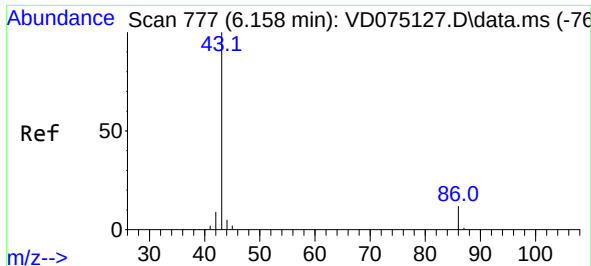


#22
Diisopropyl ether
Concen: 21.158 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 45 Resp: 40732

Ion	Ratio	Lower	Upper
45	100		
43	59.4	45.3	67.9
87	26.1	22.1	33.1
59	14.1	9.1	13.7

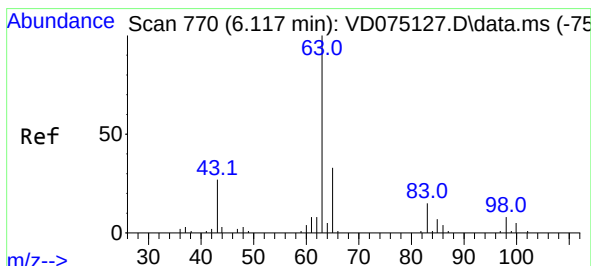
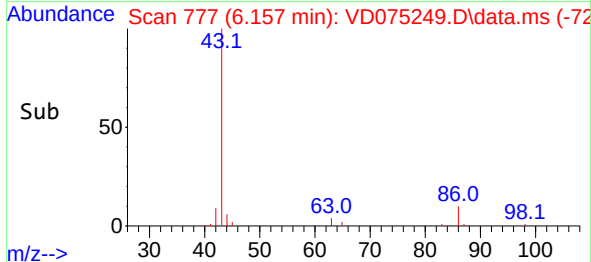
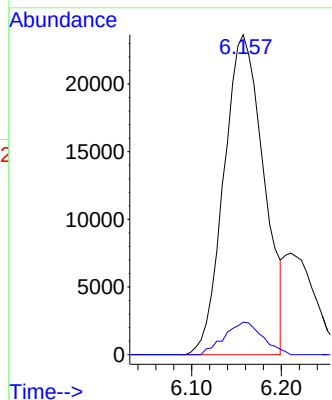
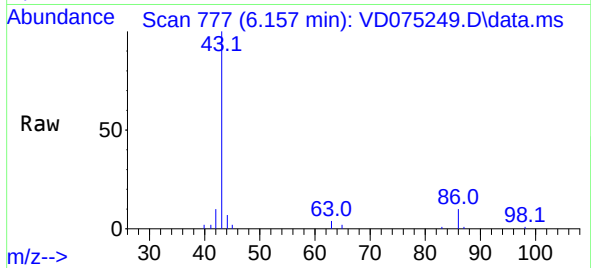




#23
 Vinyl Acetate
 Concen: 86.192 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075249.D
 Acq: 31 Jan 2023 11:43

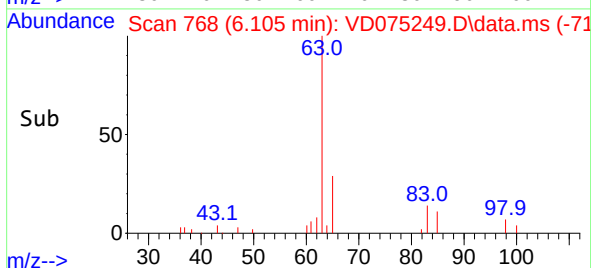
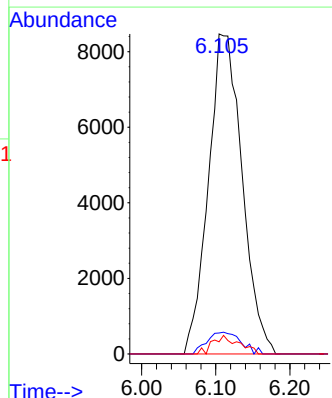
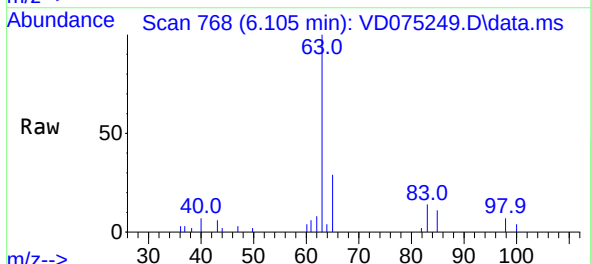
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

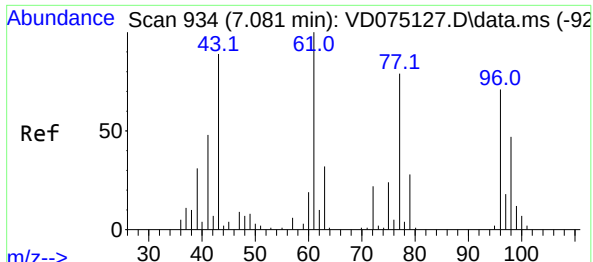
Tgt Ion: 43 Resp: 73131
 Ion Ratio Lower Upper
 43 100
 86 10.2 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 22.139 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD075249.D
 Acq: 31 Jan 2023 11:43

Tgt Ion: 63 Resp: 26784
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.0 12.2
 100 3.8 2.5 7.4





#25

2-Butanone

Concen: 110.611 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

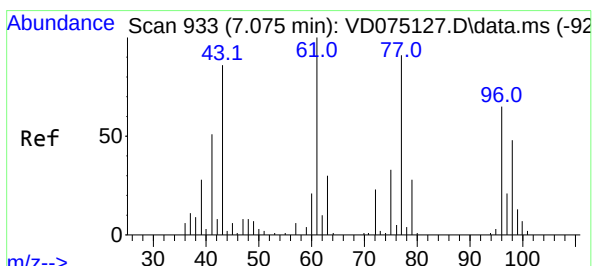
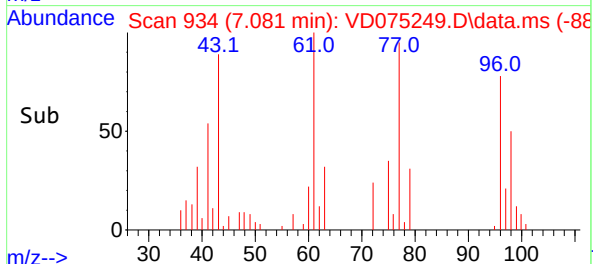
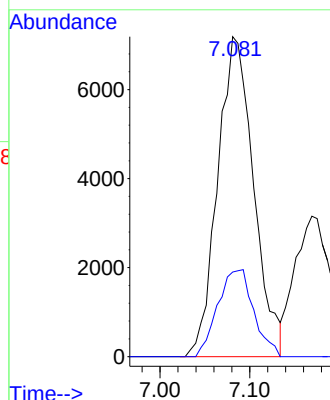
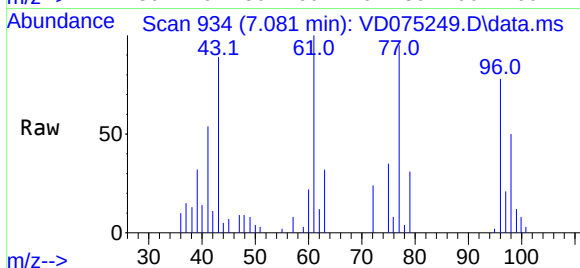
VD0131SBS01

Tgt Ion: 43 Resp: 20026

Ion Ratio Lower Upper

43 100

72 26.5 19.8 29.8



#26

2,2-Dichloropropane

Concen: 21.801 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075249.D

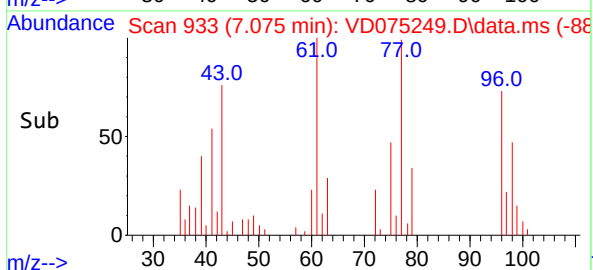
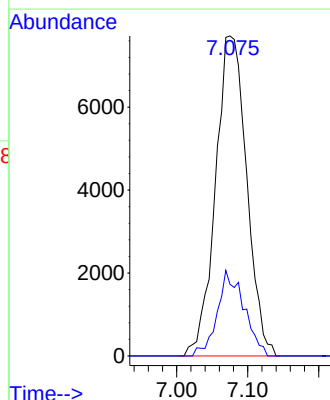
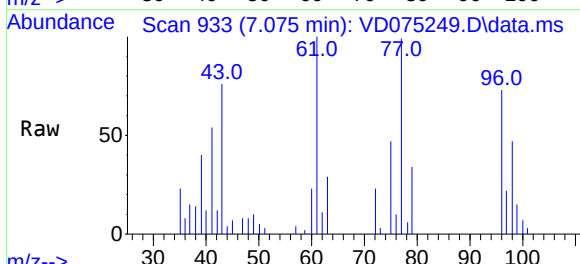
Acq: 31 Jan 2023 11:43

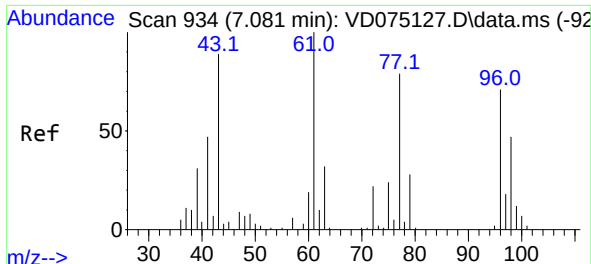
Tgt Ion: 77 Resp: 23511

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.0

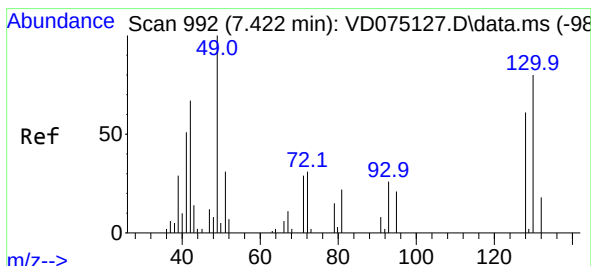
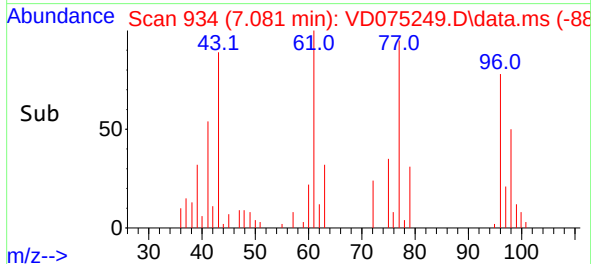
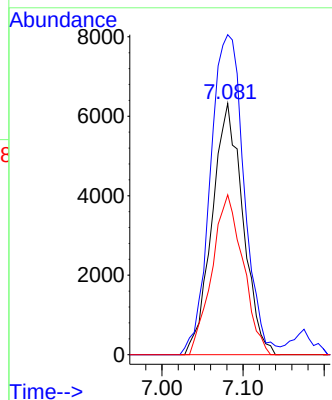
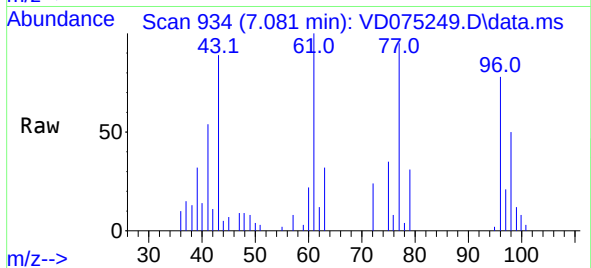




#27
cis-1,2-Dichloroethene
Concen: 21.547 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

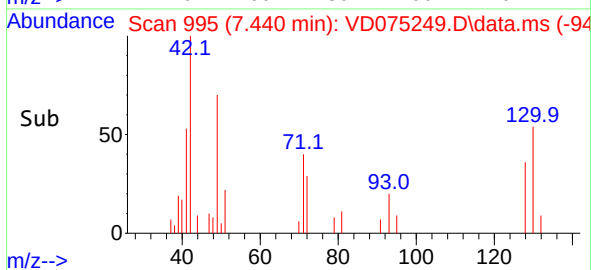
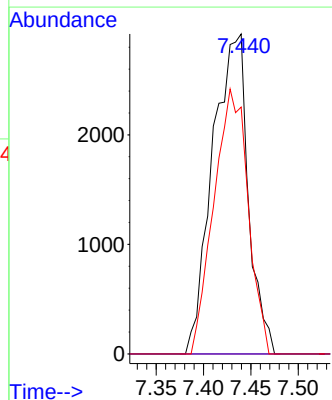
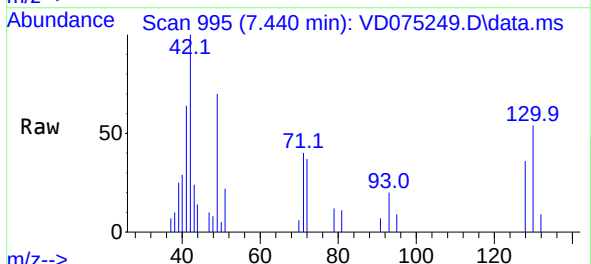
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

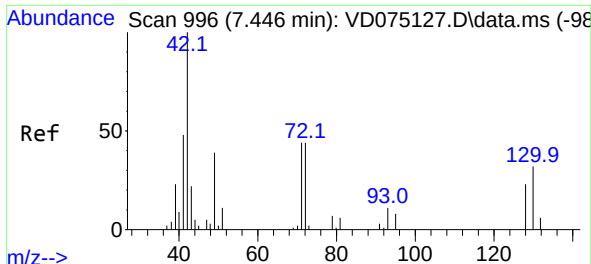
Tgt Ion: 96 Resp: 16664
Ion Ratio Lower Upper
96 100
61 140.0 0.0 287.4
98 64.3 0.0 129.8



#28
Bromochloromethane
Concen: 23.154 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.017 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 49 Resp: 7648
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.6
130 79.2 63.6 95.4

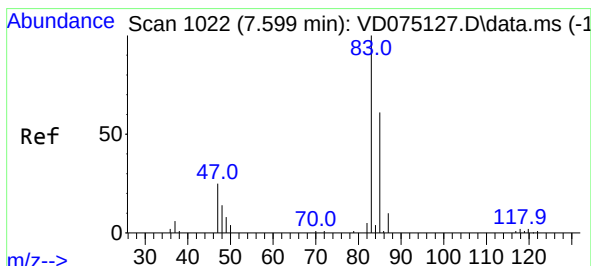
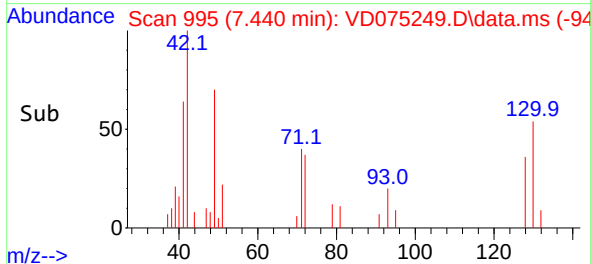
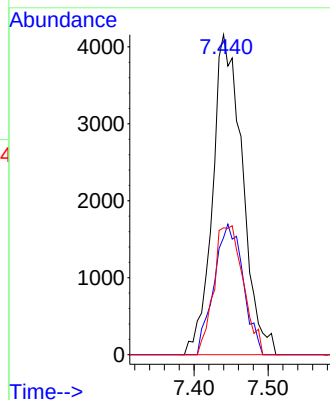
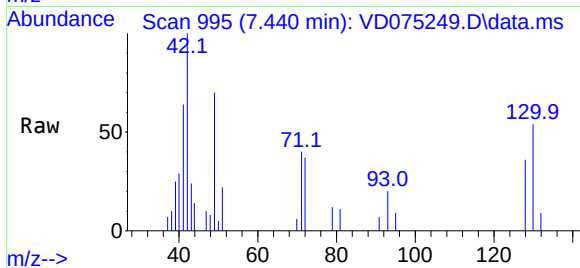




#29
Tetrahydrofuran
Concen: 112.518 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

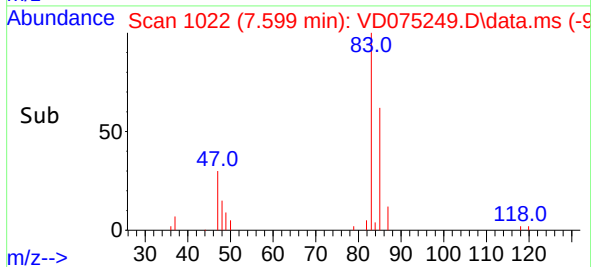
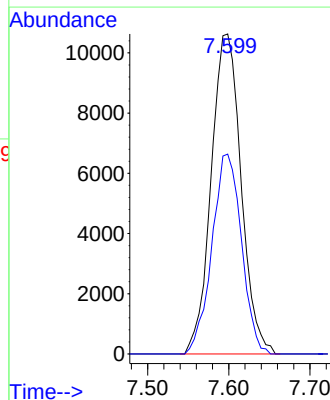
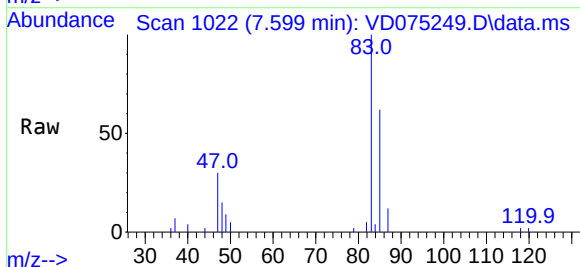
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

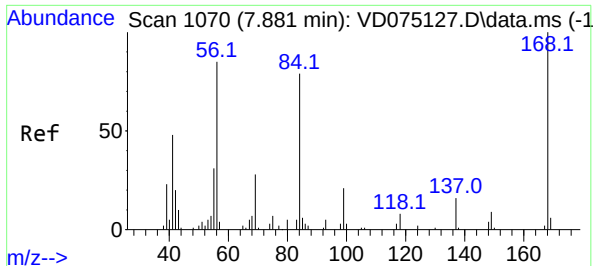
Tgt Ion:	42	Resp:	11619
Ion	Ratio	Lower	Upper
42	100		
72	39.5	33.8	50.8
71	39.6	31.6	47.4



#30
Chloroform
Concen: 22.577 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:	83	Resp:	27237
Ion	Ratio	Lower	Upper
83	100		
85	62.5	48.5	72.7

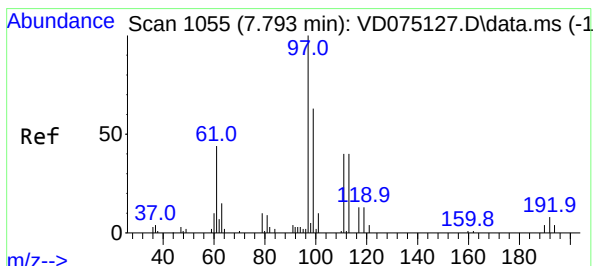
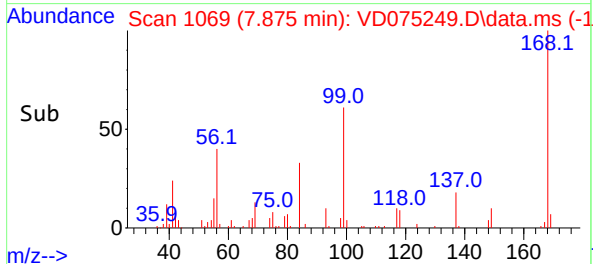
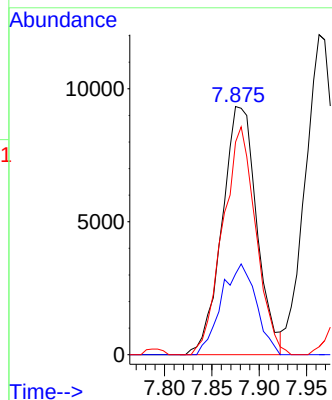
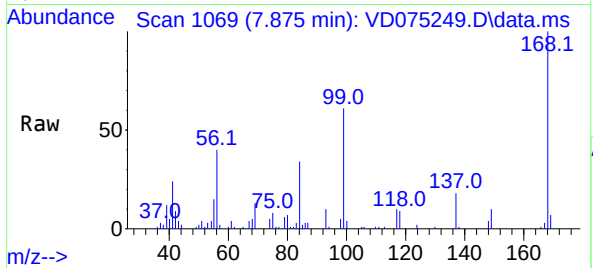




#31
Cyclohexane
Concen: 20.866 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

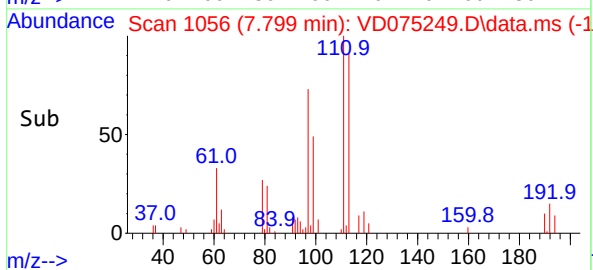
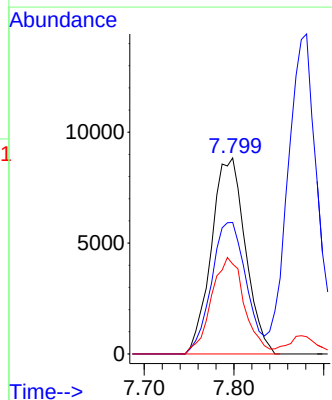
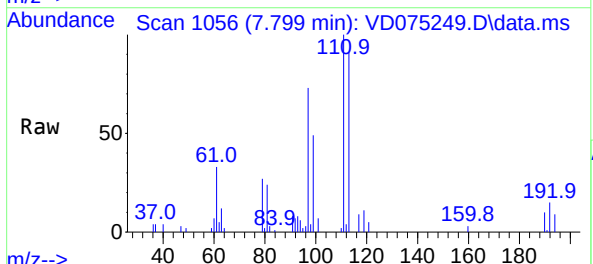
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

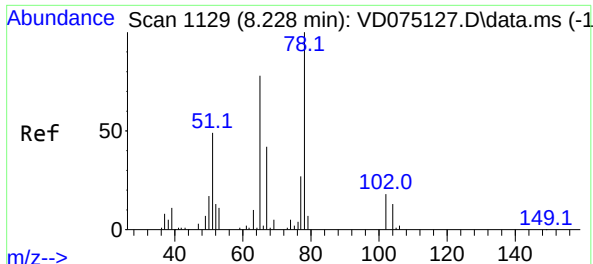
Tgt Ion: 56 Resp: 23769
Ion Ratio Lower Upper
56 100
69 32.6 26.6 40.0
84 85.7 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 22.341 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 97 Resp: 23221
Ion Ratio Lower Upper
97 100
99 68.5 51.7 77.5
61 47.7 36.3 54.5

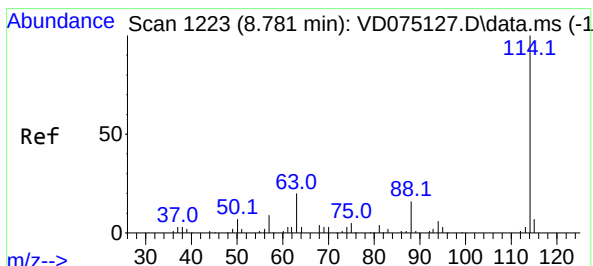
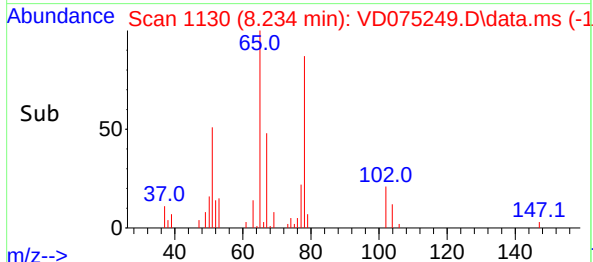
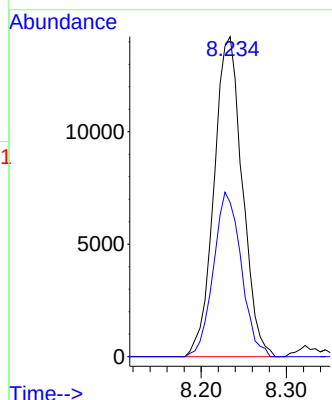
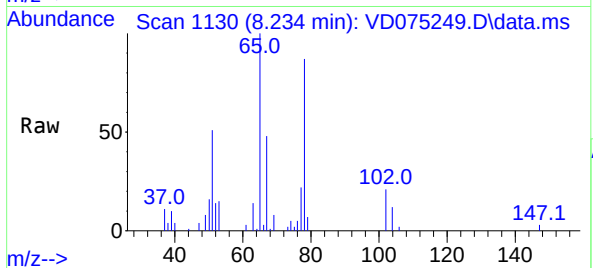




#33
1,2-Dichloroethane-d4
Concen: 57.808 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

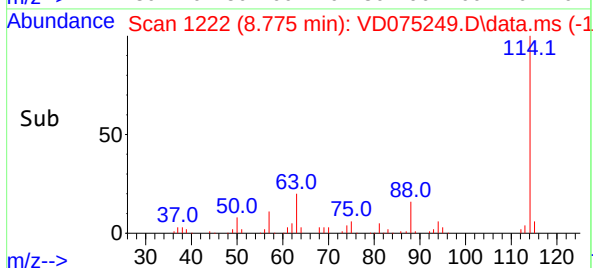
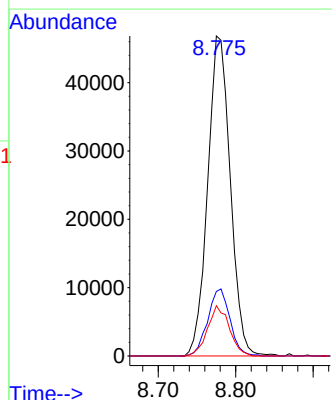
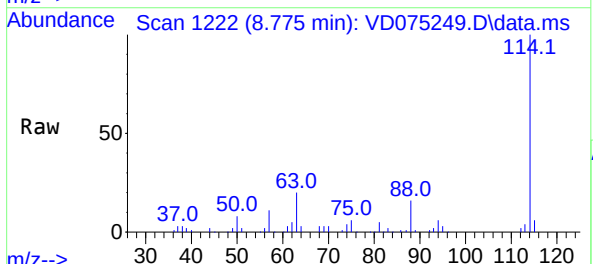
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

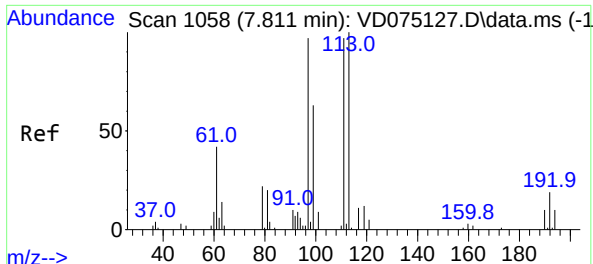
Tgt Ion: 65 Resp: 32833
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

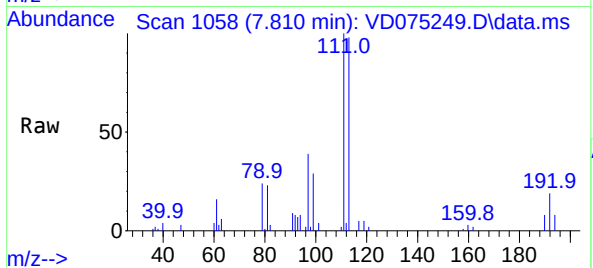
Tgt Ion: 114 Resp: 94967
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 15.7 0.0 32.2



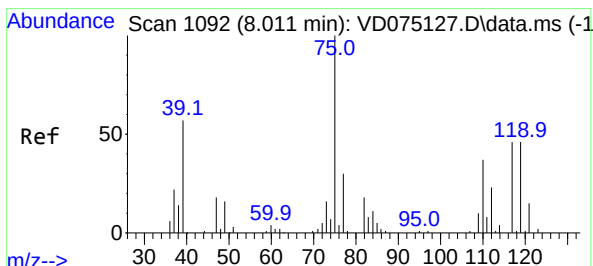
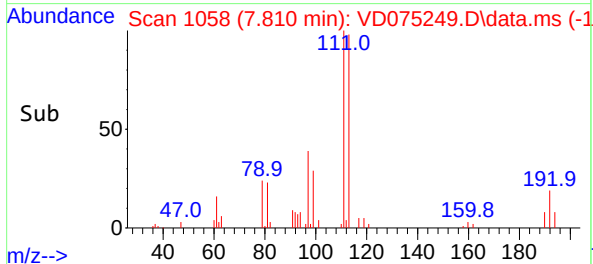
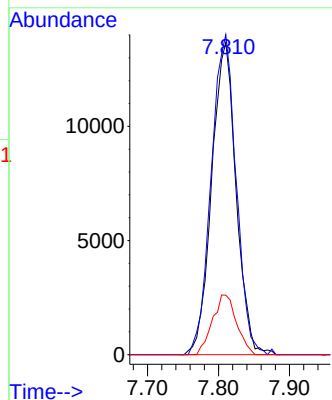


#35
Dibromofluoromethane
Concen: 56.840 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

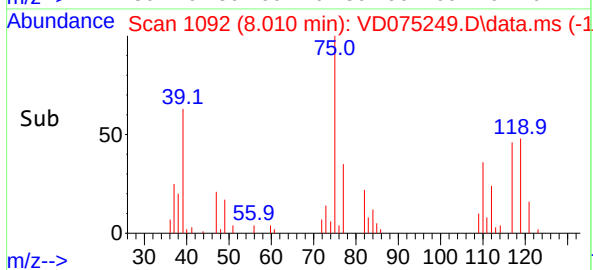
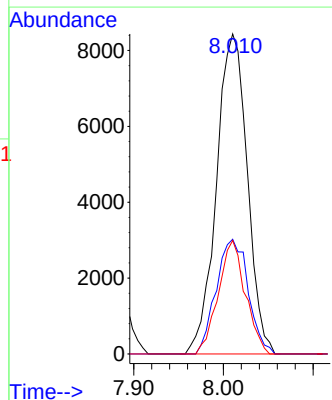
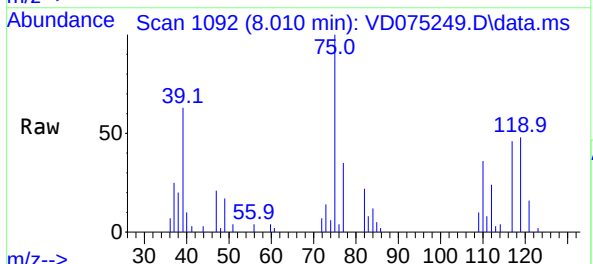


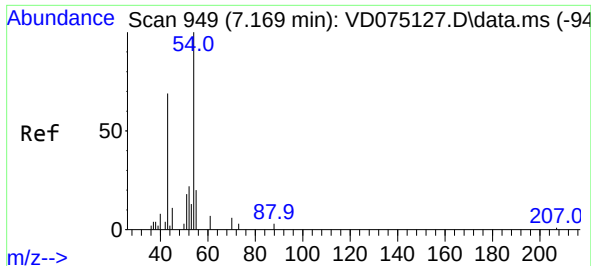
Tgt Ion:113 Resp: 32618
Ion Ratio Lower Upper
113 100
111 104.5 80.1 120.1
192 18.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 21.811 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 75 Resp: 20110
Ion Ratio Lower Upper
75 100
110 37.2 18.1 54.4
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 21.949 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

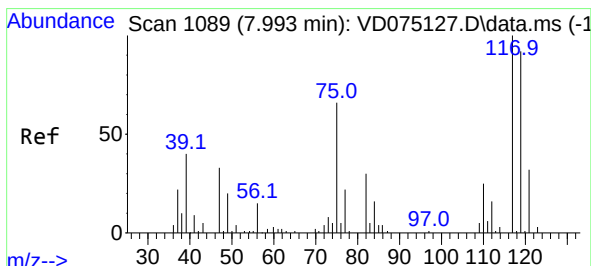
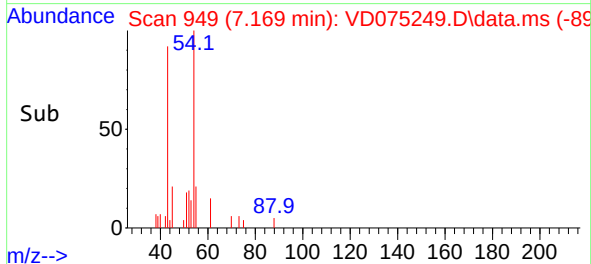
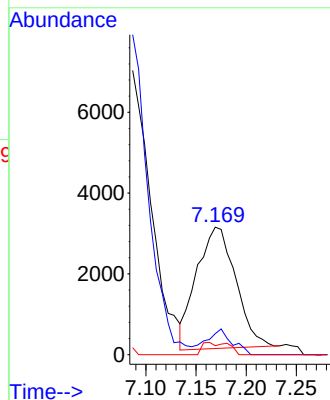
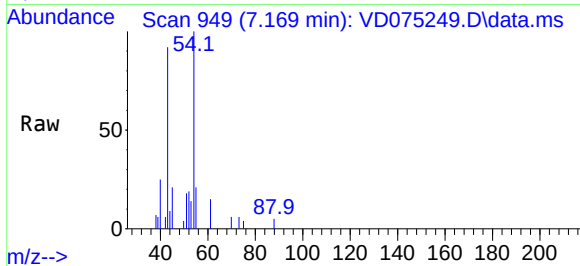
Tgt Ion: 43 Resp: 8153

Ion Ratio Lower Upper

43 100

61 13.8 11.7 17.5

70 6.8 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 23.455 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

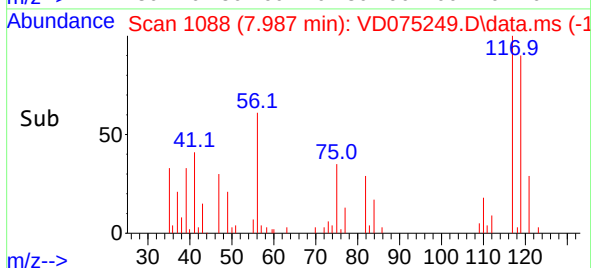
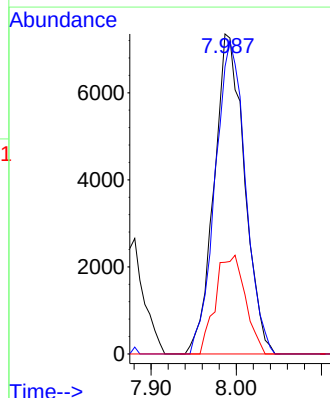
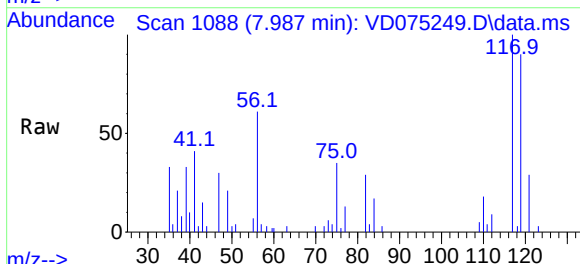
Tgt Ion: 117 Resp: 18208

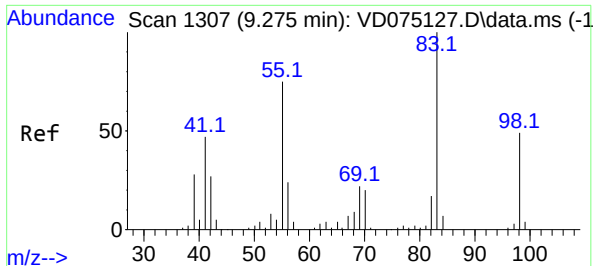
Ion Ratio Lower Upper

117 100

119 89.7 73.6 110.4

121 28.6 25.4 38.0





#39

Methylcyclohexane

Concen: 20.928 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

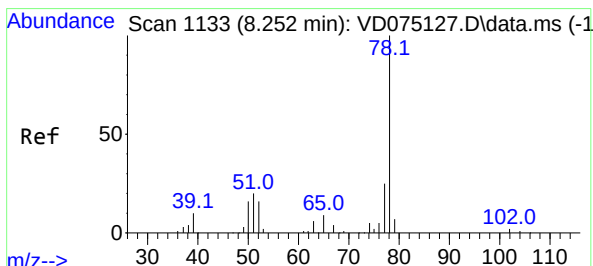
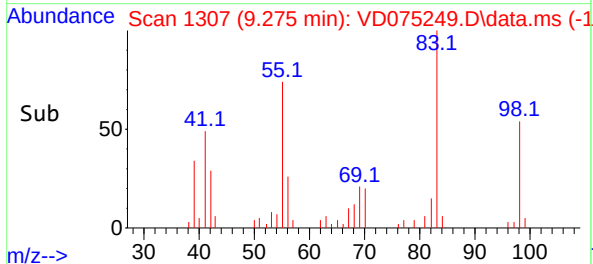
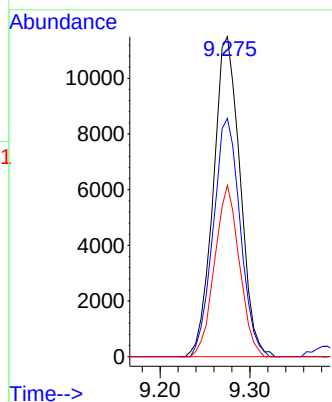
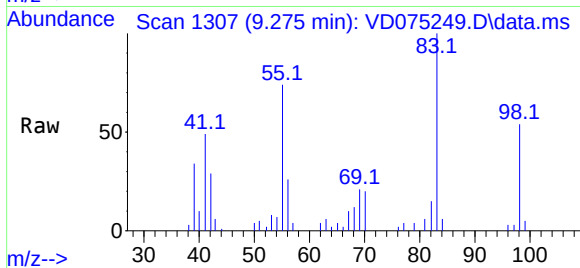
Tgt Ion: 83 Resp: 23779

Ion Ratio Lower Upper

83 100

55 74.5 60.0 90.0

98 53.5 39.0 58.4



#40

Benzene

Concen: 22.174 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075249.D

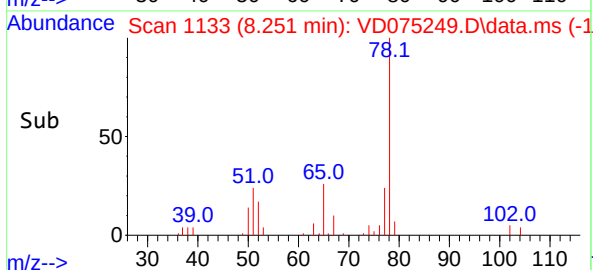
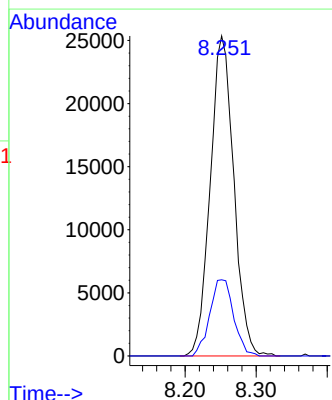
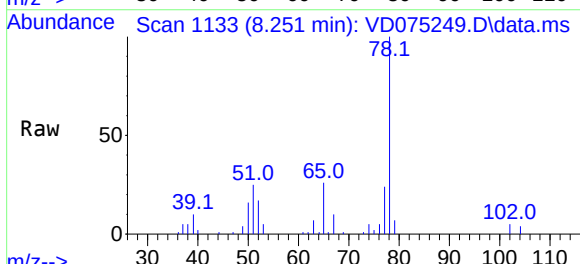
Acq: 31 Jan 2023 11:43

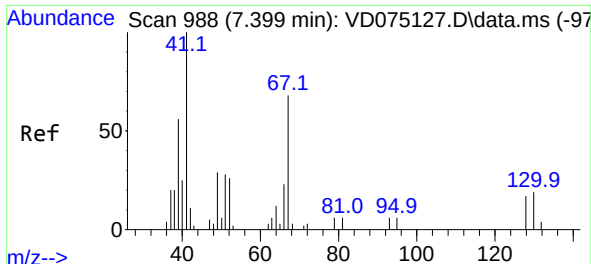
Tgt Ion: 78 Resp: 58303

Ion Ratio Lower Upper

78 100

77 23.8 19.8 29.6



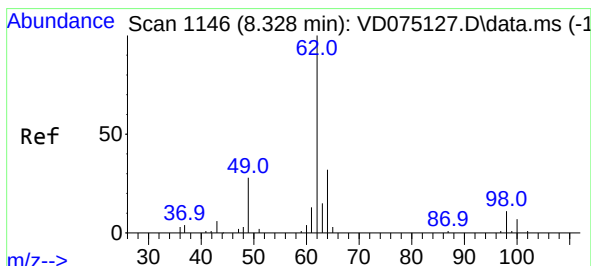
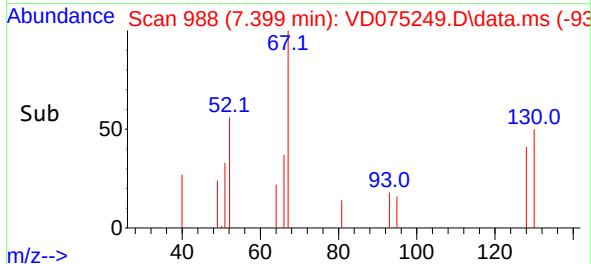
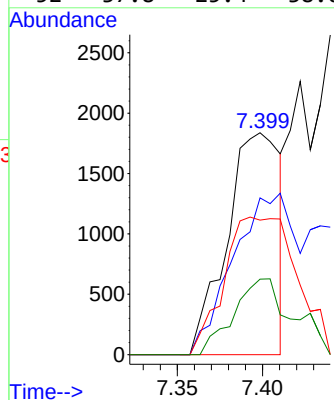
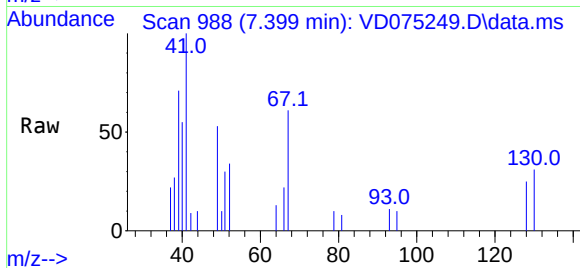


#41
Methacrylonitrile
Concen: 17.806 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

Tgt Ion: 41 Resp: 3980

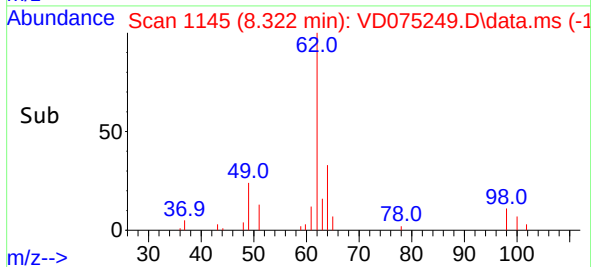
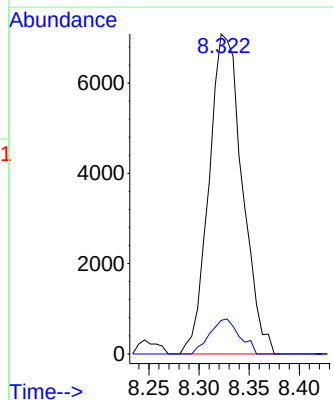
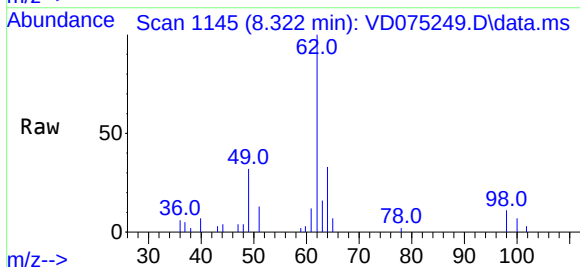
Ion	Ratio	Lower	Upper
41	100		
39	84.3	57.8	86.6
67	84.5	60.5	90.7
52	37.8	25.4	38.0

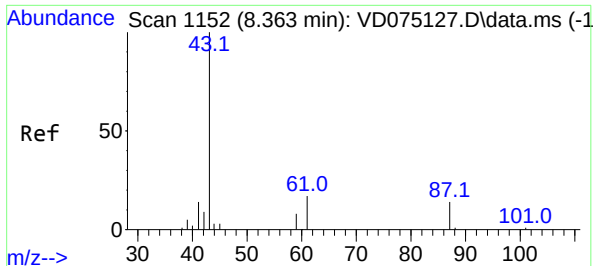


#42
1,2-Dichloroethane
Concen: 23.701 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 62 Resp: 16370

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

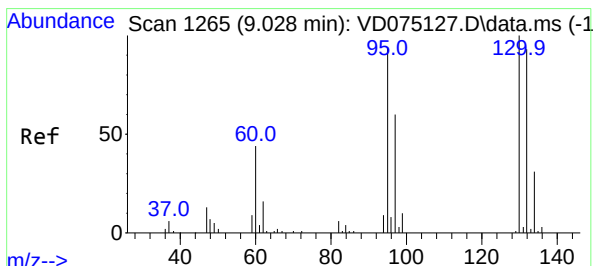
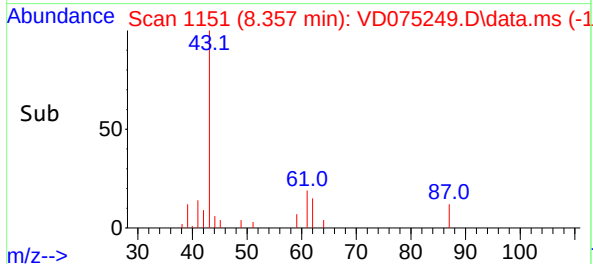
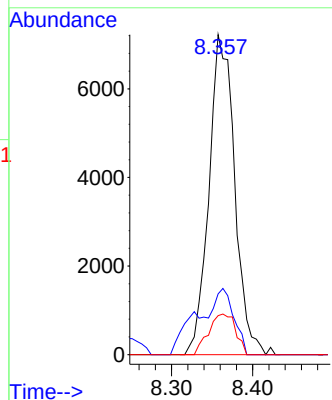
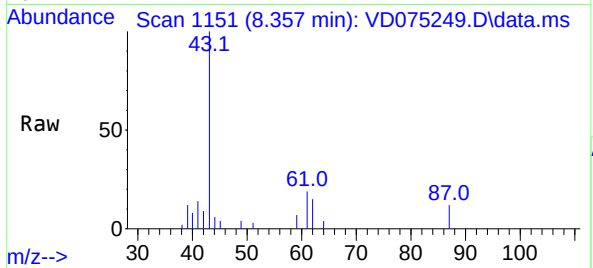




#43
Isopropyl Acetate
Concen: 22.003 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

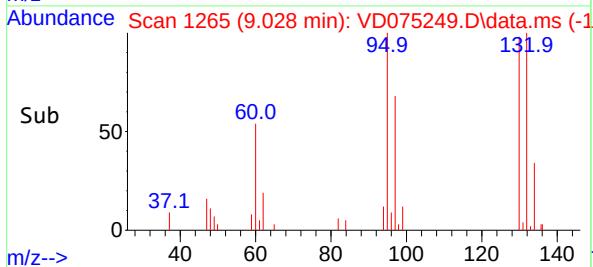
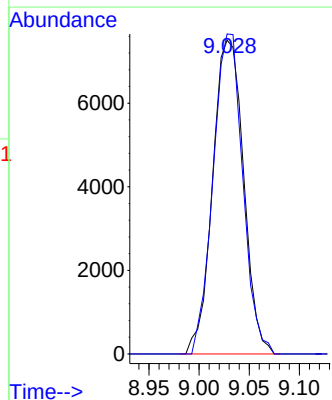
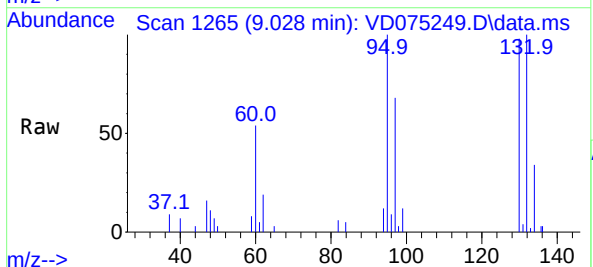
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

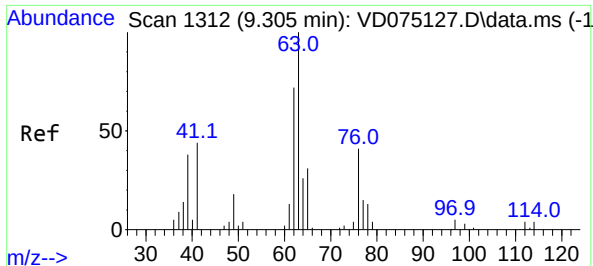
Tgt Ion: 43 Resp: 15905
Ion Ratio Lower Upper
43 100
61 16.1 25.0 37.6#
87 13.3 10.6 16.0



#44
Trichloroethene
Concen: 21.796 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:130 Resp: 16116
Ion Ratio Lower Upper
130 100
95 102.0 0.0 188.6

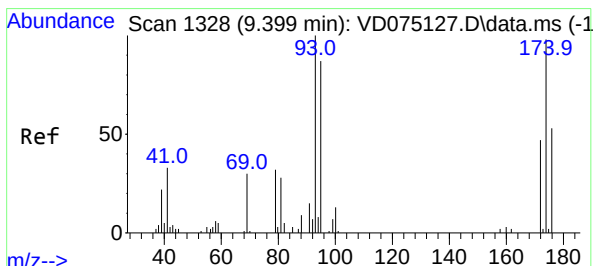
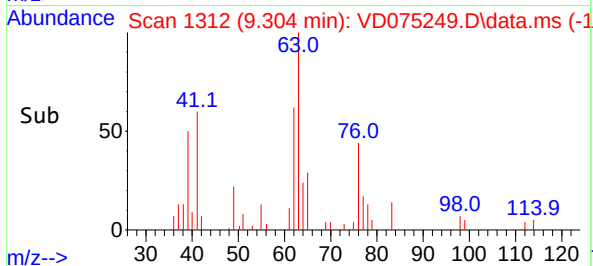
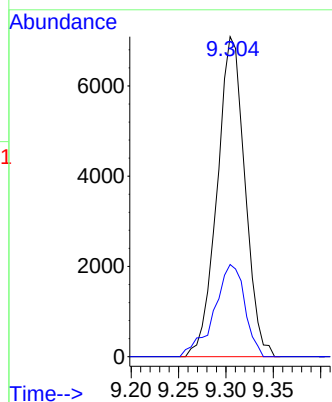
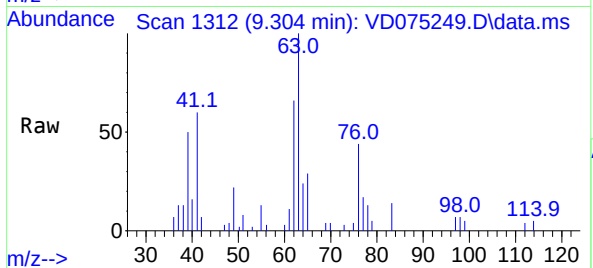




#45
1,2-Dichloropropane
Concen: 22.330 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

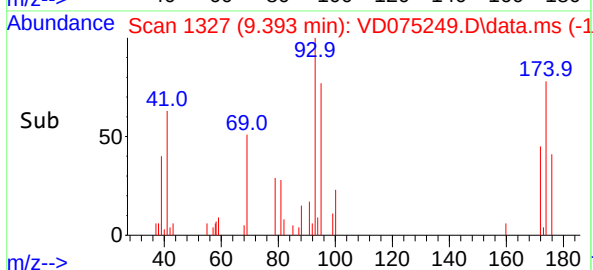
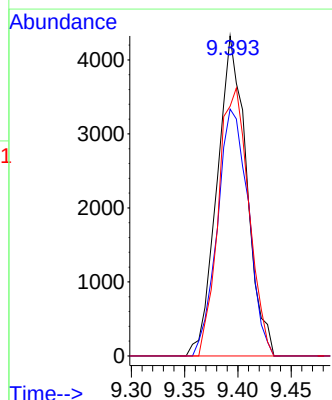
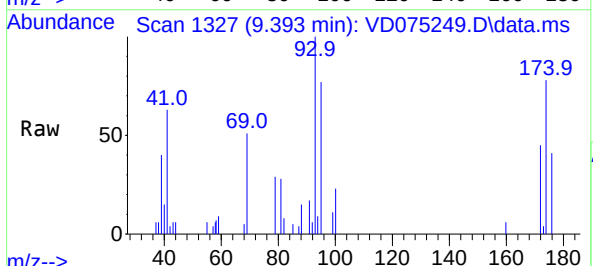
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

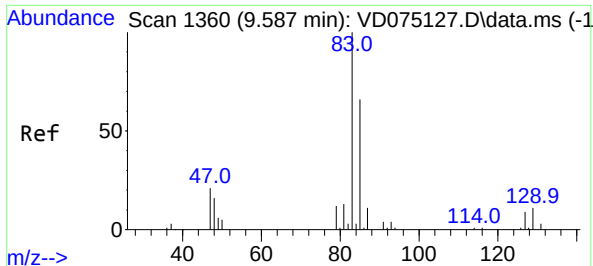
Tgt Ion: 63 Resp: 14463
Ion Ratio Lower Upper
63 100
65 28.8 25.1 37.7



#46
Dibromomethane
Concen: 24.398 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 93 Resp: 8334
Ion Ratio Lower Upper
93 100
95 80.8 68.3 102.5
174 86.0 77.4 116.0

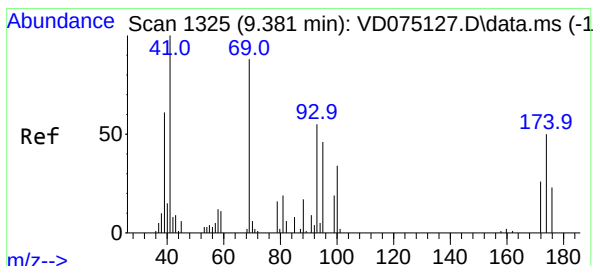
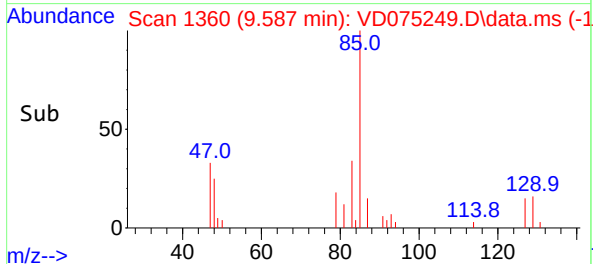
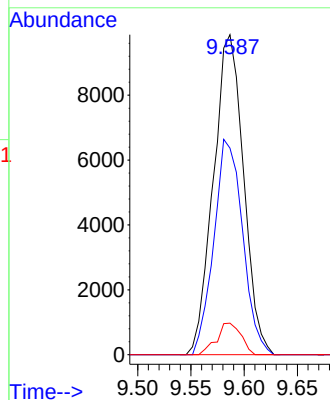
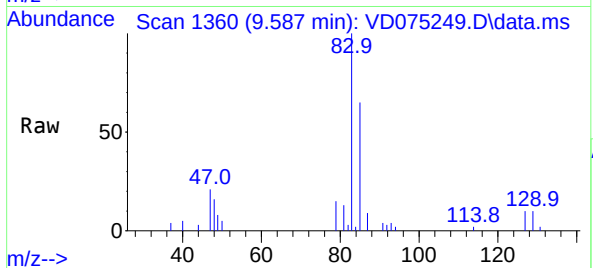




#47
Bromodichloromethane
Concen: 22.934 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

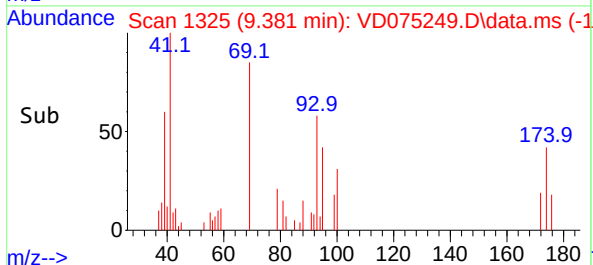
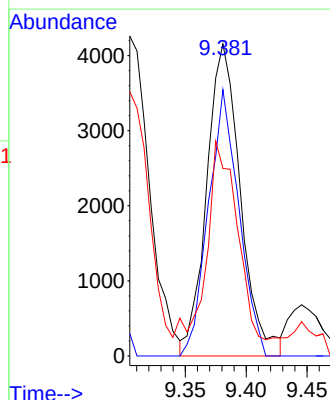
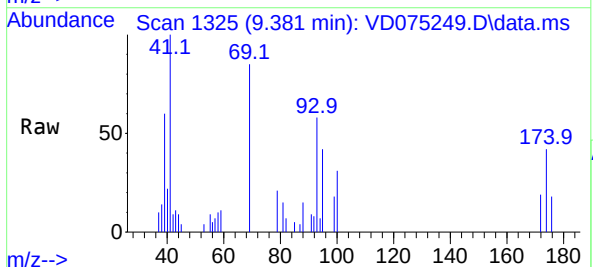
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

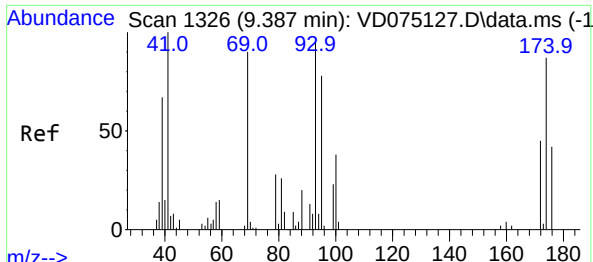
Tgt Ion:	83	Resp:	19435
Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4
127	9.9	7.0	10.4



#48
Methyl methacrylate
Concen: 22.652 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:	41	Resp:	8007
Ion	Ratio	Lower	Upper
41	100		
69	76.9	67.8	101.6
39	57.9	46.0	69.0

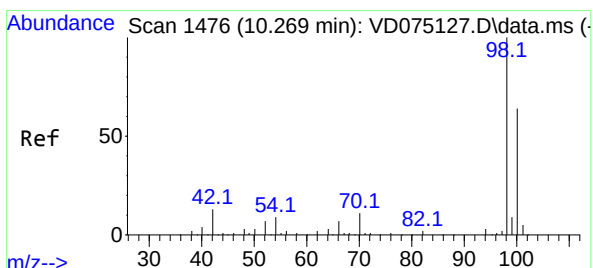
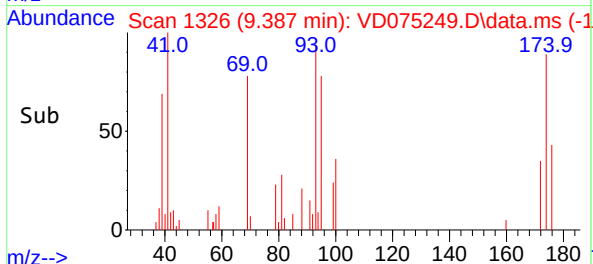
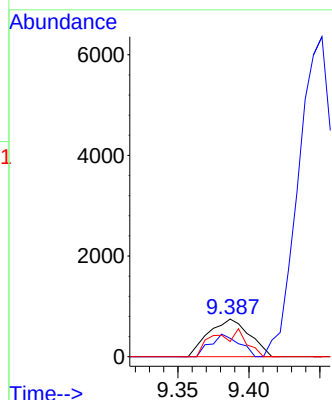
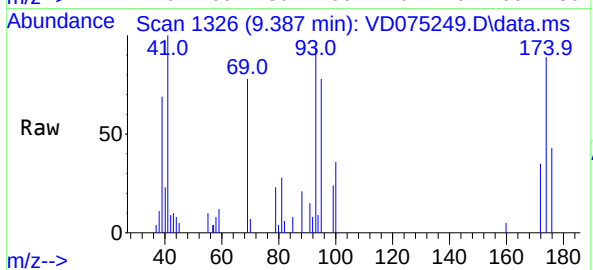




#49
1,4-Dioxane
Concen: 457.220 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

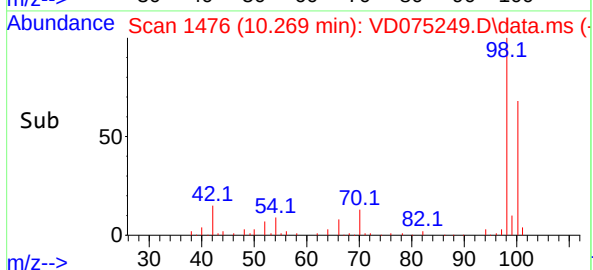
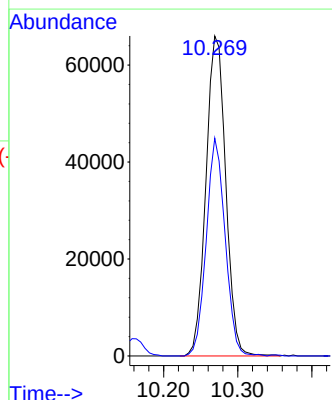
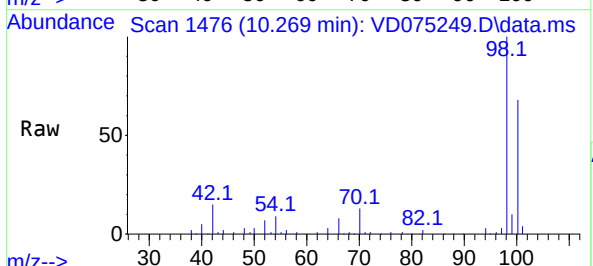
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

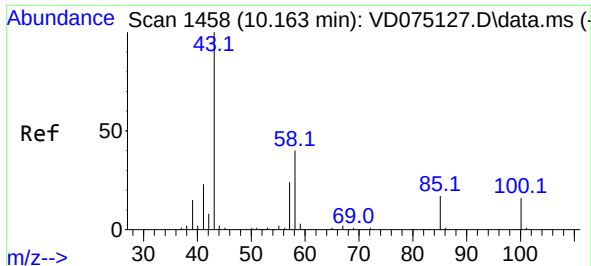
Tgt Ion: 88 Resp: 1491
Ion Ratio Lower Upper
88 100
43 42.1 35.6 53.4
58 58.0 57.4 86.2



#50
Toluene-d8
Concen: 54.299 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 98 Resp: 122689
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 118.301 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

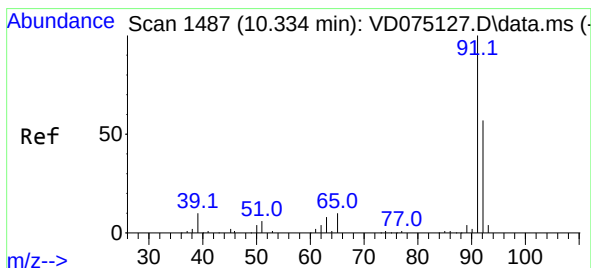
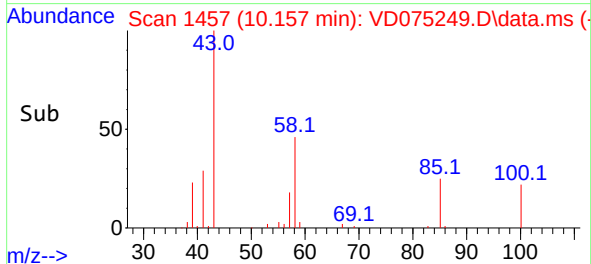
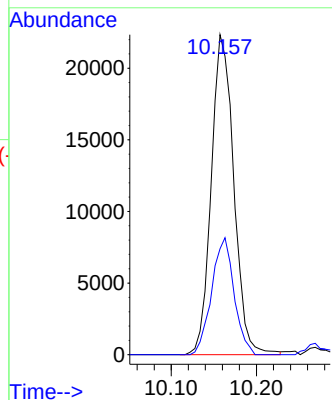
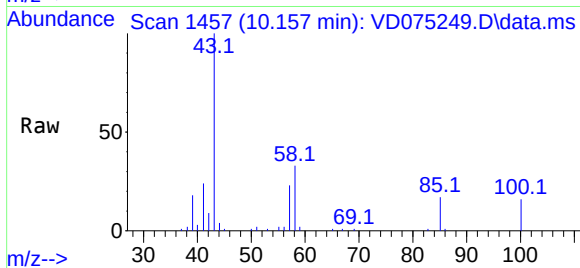
VD0131SBS01

Tgt Ion: 43 Resp: 41065

Ion Ratio Lower Upper

43 100

58 36.3 31.4 47.0



#52

Toluene

Concen: 22.067 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075249.D

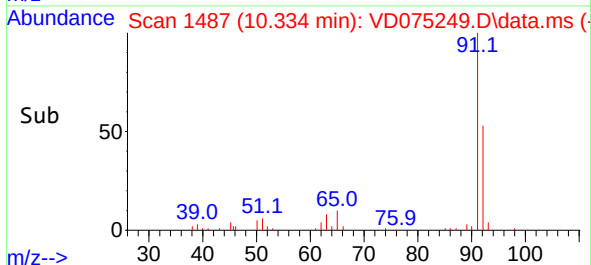
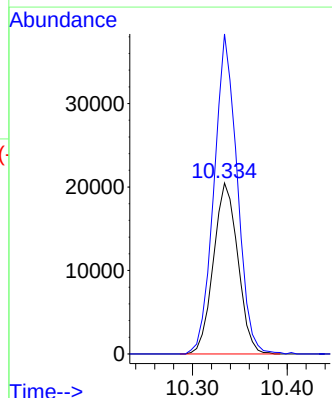
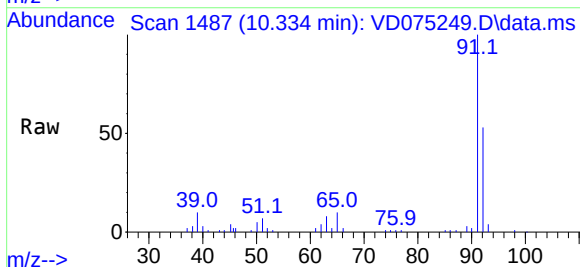
Acq: 31 Jan 2023 11:43

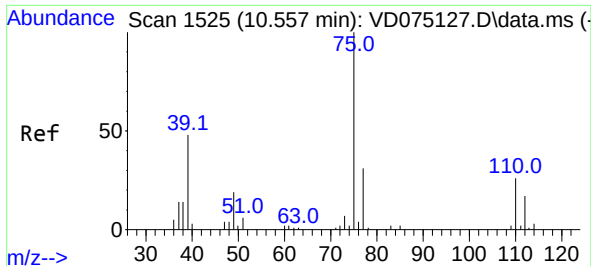
Tgt Ion: 92 Resp: 36667

Ion Ratio Lower Upper

92 100

91 177.9 137.0 205.4

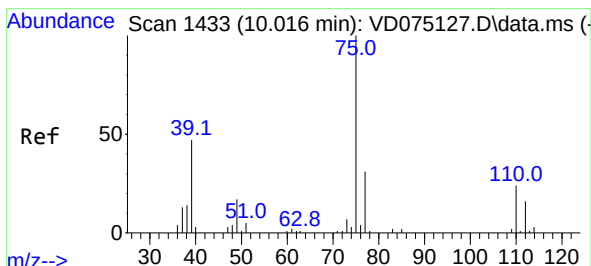
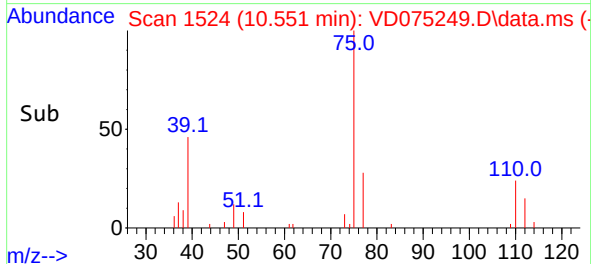
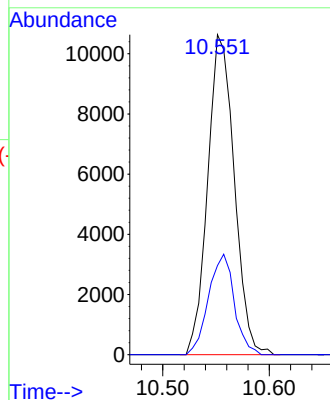
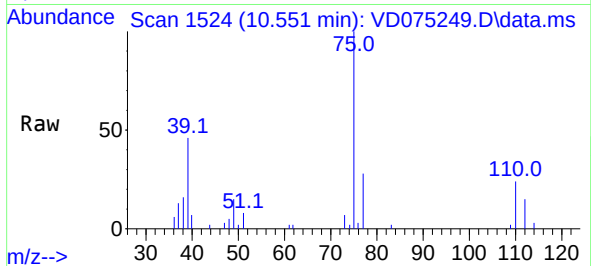




#53
 t-1,3-Dichloropropene
 Concen: 22.986 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075249.D
 Acq: 31 Jan 2023 11:43

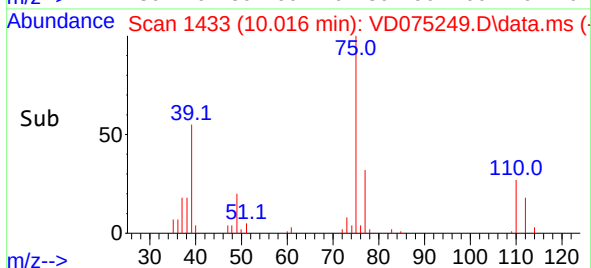
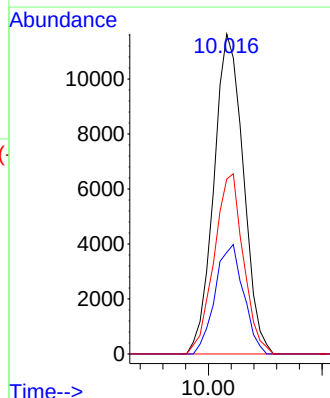
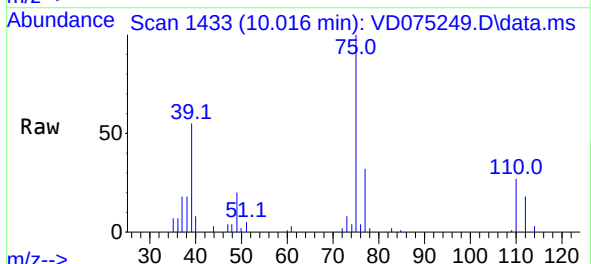
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0131SBS01

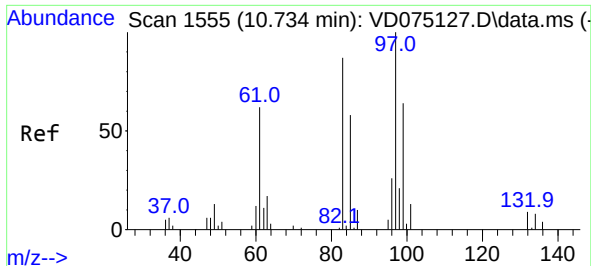
Tgt Ion: 75 Resp: 18429
 Ion Ratio Lower Upper
 75 100
 77 27.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.403 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075249.D
 Acq: 31 Jan 2023 11:43

Tgt Ion: 75 Resp: 20965
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7
 39 54.6 37.9 56.9

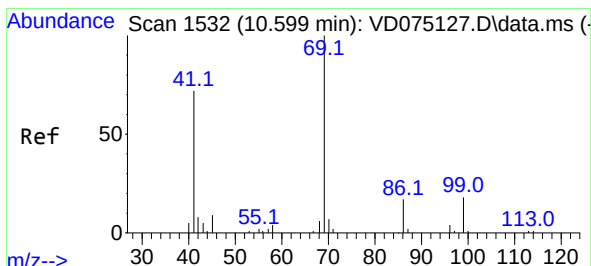
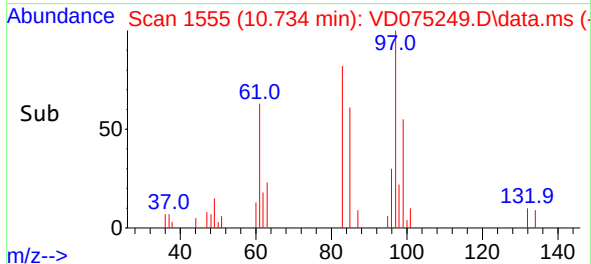
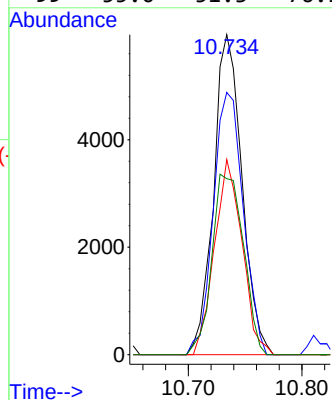
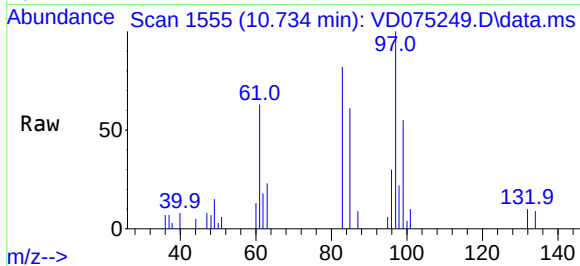




#55
1,1,2-Trichloroethane
Concen: 22.847 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

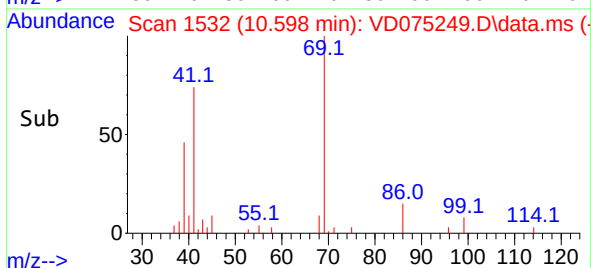
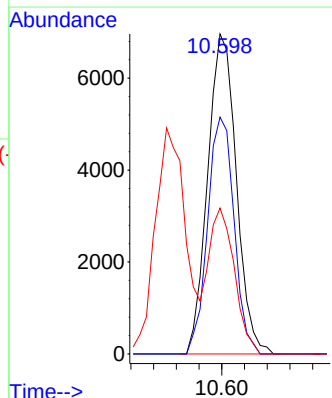
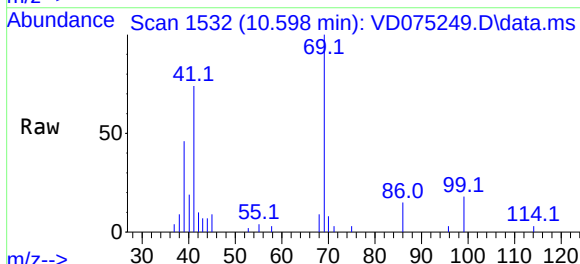
Instrument : MSVOA_D
ClientSampleId : VD0131SBS01

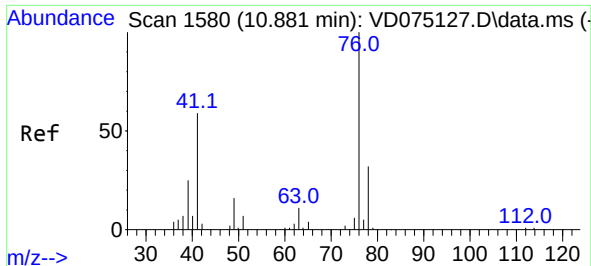
Tgt Ion: 97	Resp: 10328
Ion Ratio	Lower Upper
97 100	
83 81.9	69.4 104.0
85 61.0	46.0 69.0
99 55.0	51.3 76.9



#56
Ethyl methacrylate
Concen: 22.438 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 69	Resp: 12198
Ion Ratio	Lower Upper
69 100	
41 68.3	55.7 83.5
39 41.1	31.4 47.0

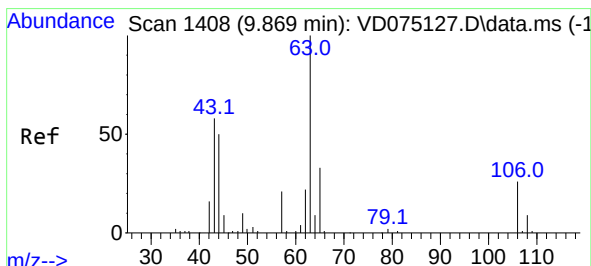
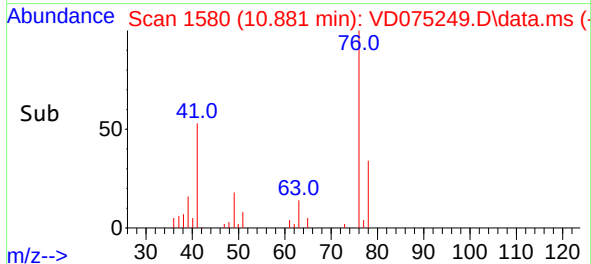
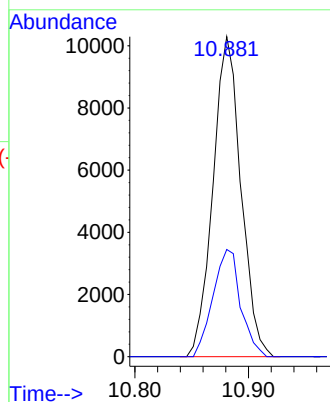
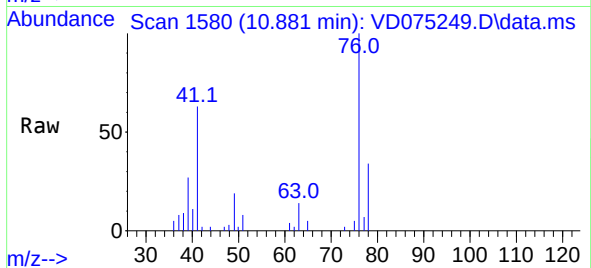




#57
1,3-Dichloropropane
Concen: 22.657 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

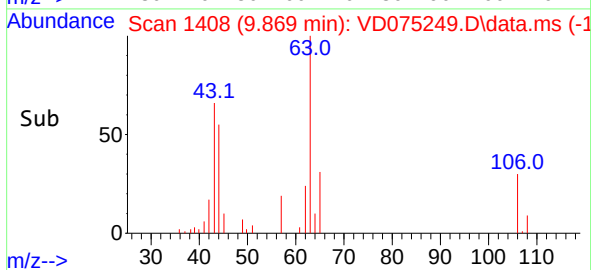
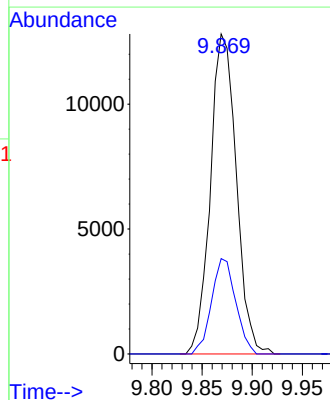
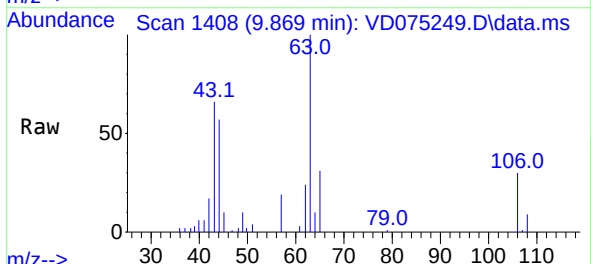
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

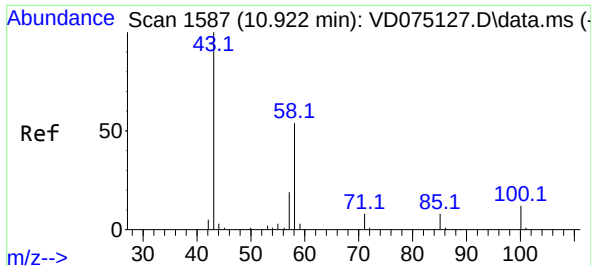
Tgt Ion: 76 Resp: 17600
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 123.743 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 63 Resp: 23019
Ion Ratio Lower Upper
63 100
106 27.8 22.6 33.8

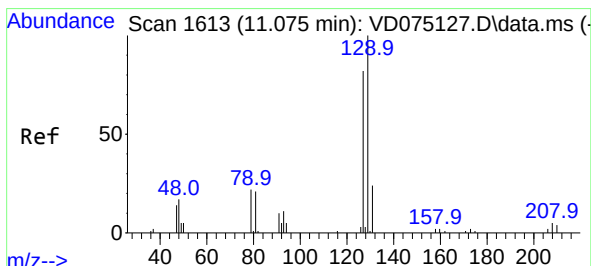
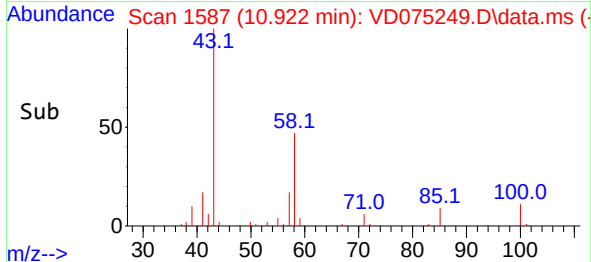
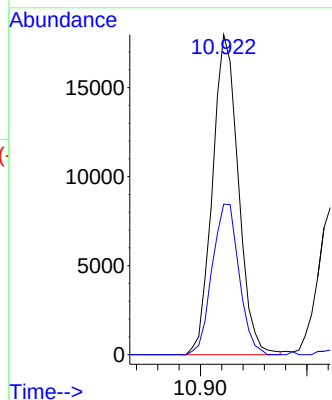
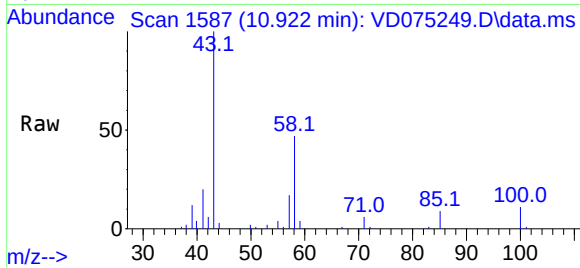




#59
2-Hexanone
Concen: 120.626 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

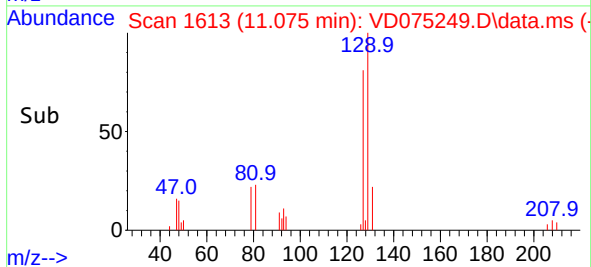
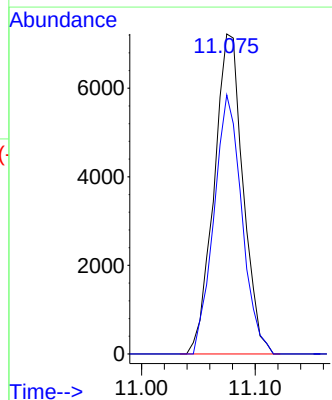
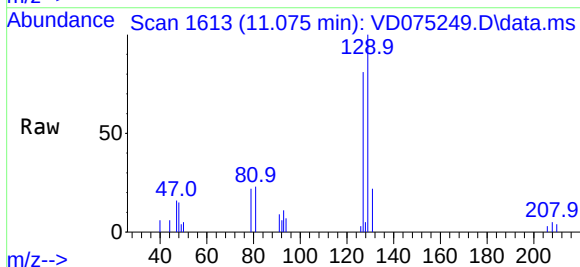
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

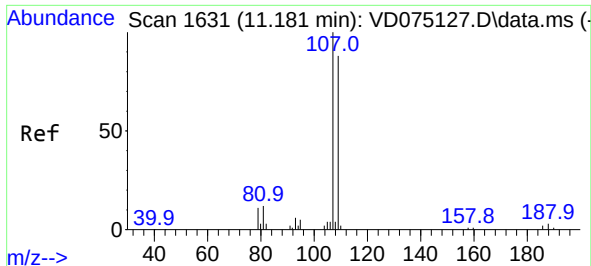
Tgt Ion: 43 Resp: 30276
Ion Ratio Lower Upper
43 100
58 48.9 26.8 80.4



#60
Dibromochloromethane
Concen: 23.536 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 129 Resp: 12824
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6

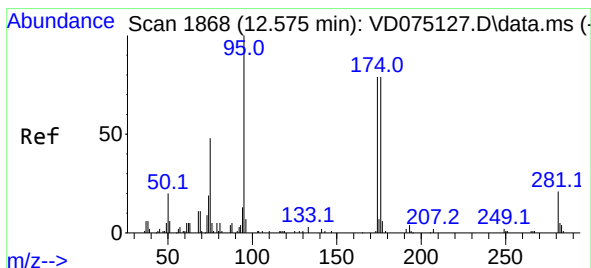
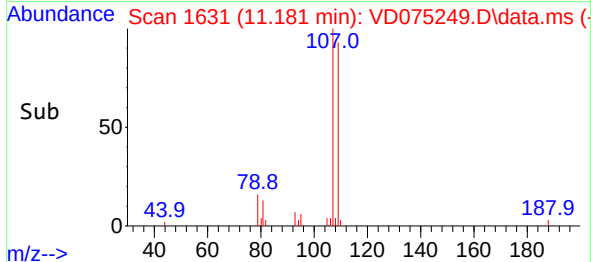
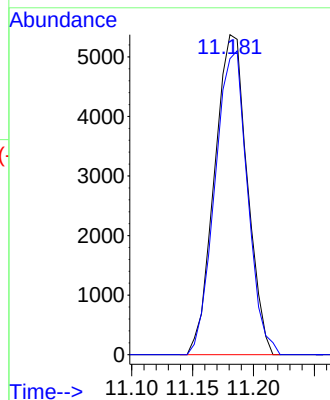
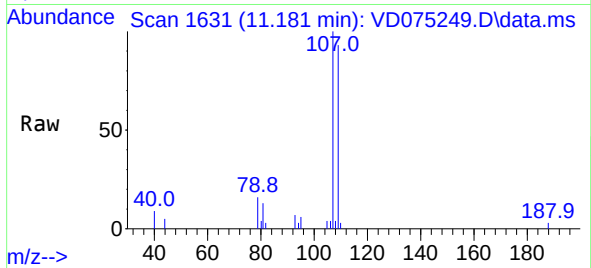




#61
1,2-Dibromoethane
Concen: 23.273 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

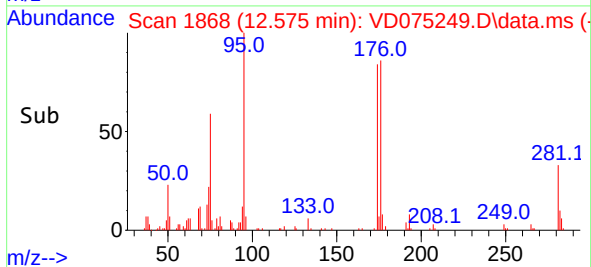
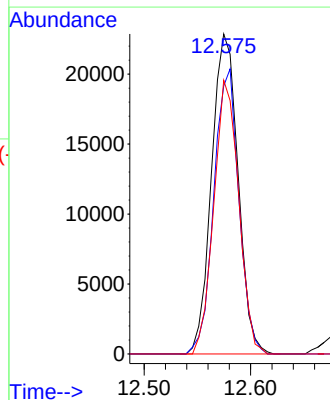
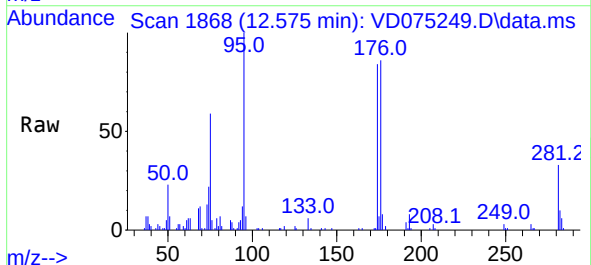
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

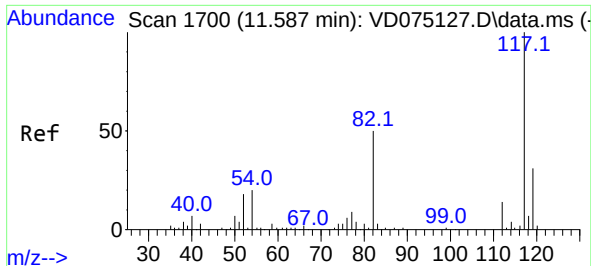
Tgt Ion:107 Resp: 10052
Ion Ratio Lower Upper
107 100
109 94.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.936 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 95 Resp: 39394
Ion Ratio Lower Upper
95 100
174 84.0 0.0 161.2
176 80.5 0.0 160.2

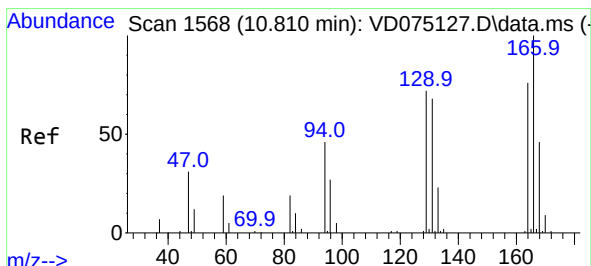
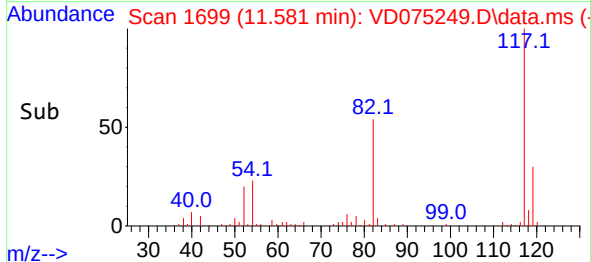
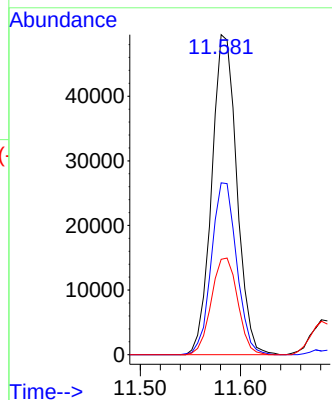
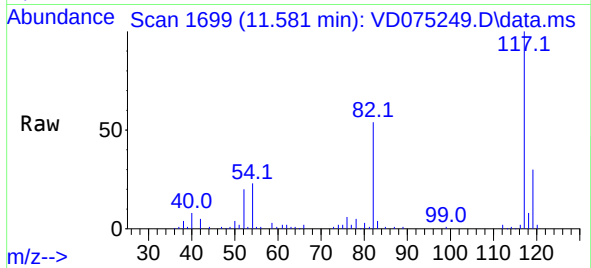




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

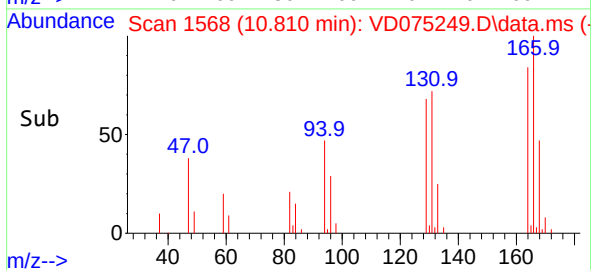
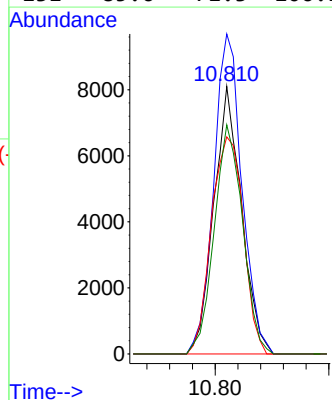
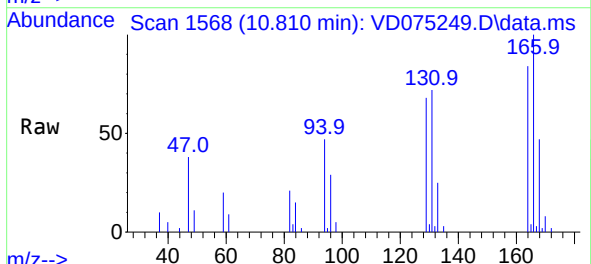
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

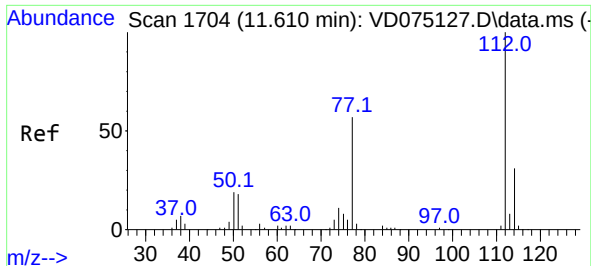
Tgt Ion:117 Resp: 86041
Ion Ratio Lower Upper
117 100
82 53.7 39.6 59.4
119 29.8 24.6 37.0



#64
Tetrachloroethene
Concen: 22.392 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:164 Resp: 13758
Ion Ratio Lower Upper
164 100
166 119.6 105.3 157.9
129 81.1 76.2 114.4
131 85.6 71.3 106.9

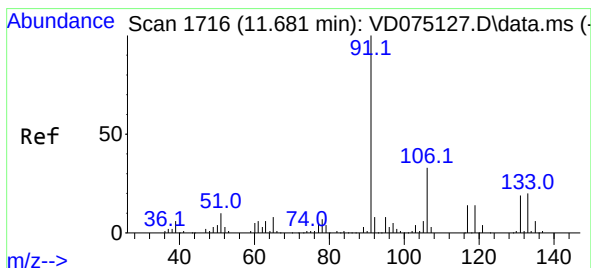
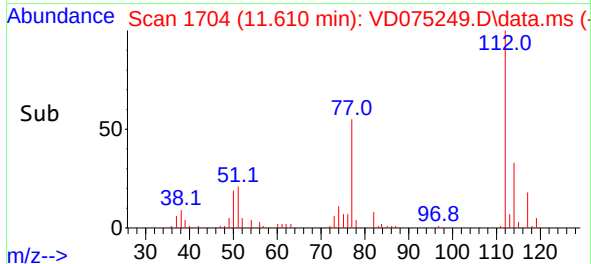
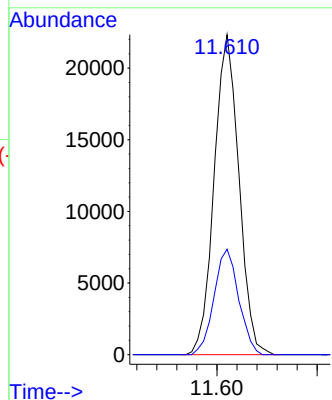
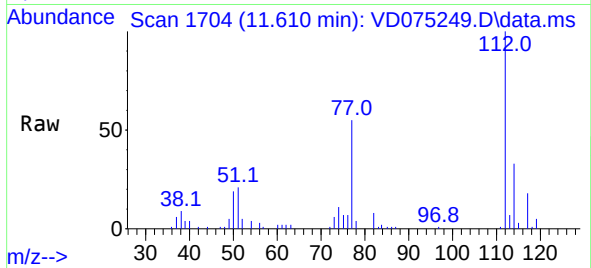




#65
Chlorobenzene
Concen: 21.701 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

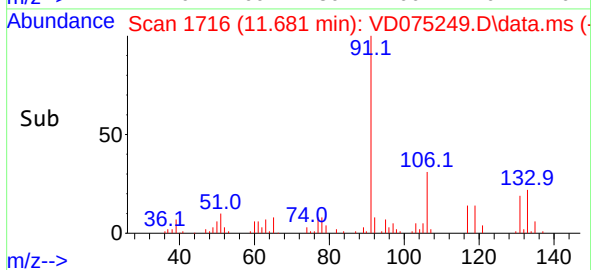
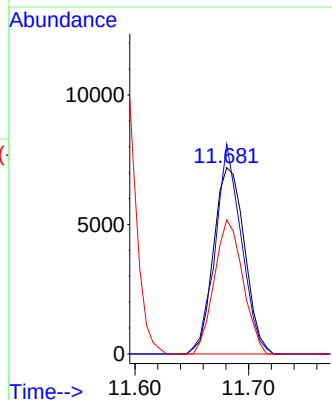
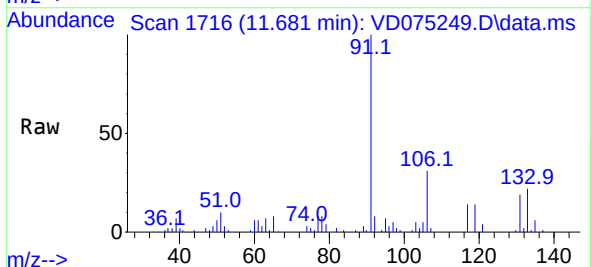
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

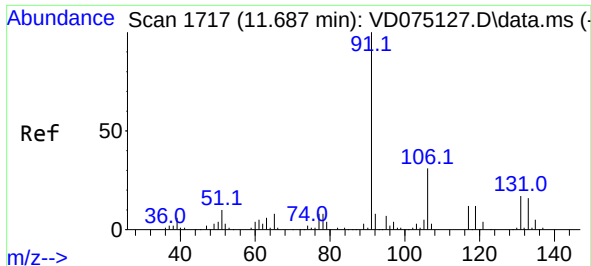
Tgt Ion:112 Resp: 38261
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.938 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:131 Resp: 13603
Ion Ratio Lower Upper
131 100
133 95.3 49.0 147.2
119 66.6 34.8 104.5

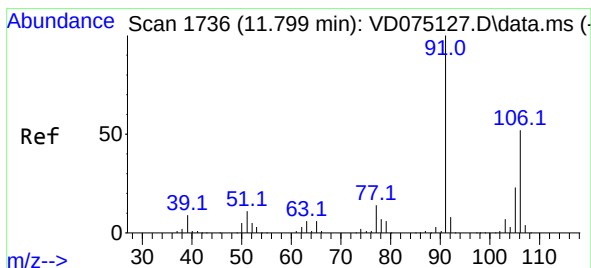
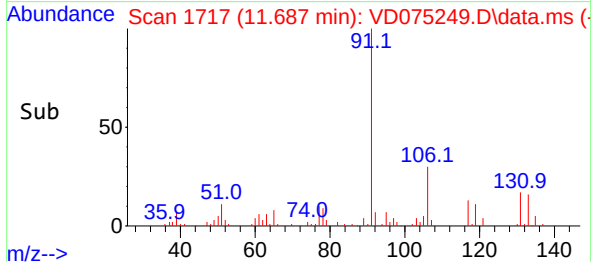
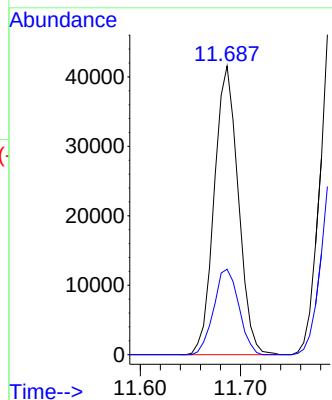
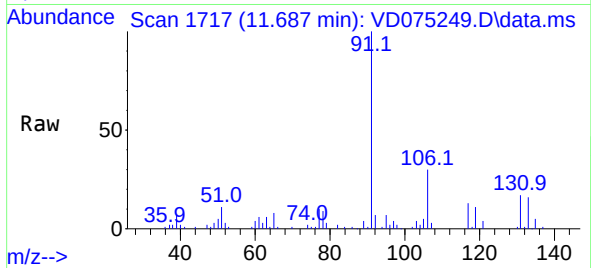




#67
Ethyl Benzene
Concen: 21.817 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

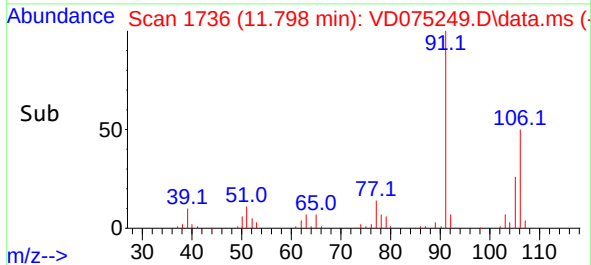
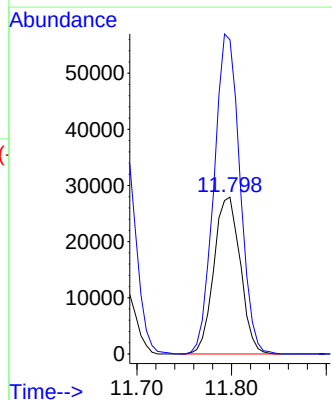
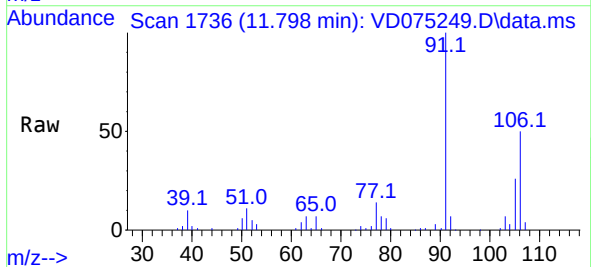
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

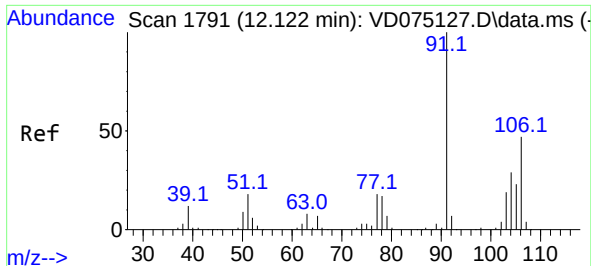
Tgt Ion: 91 Resp: 69238
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.6



#68
m/p-Xylenes
Concen: 44.182 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:106 Resp: 54166
Ion Ratio Lower Upper
106 100
91 200.2 160.3 240.5

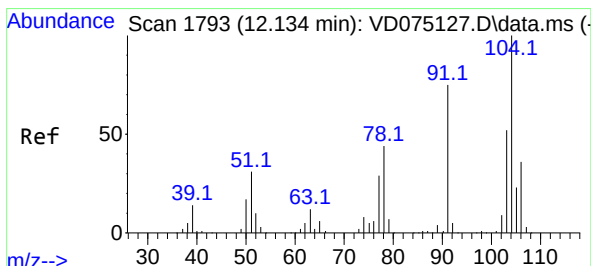
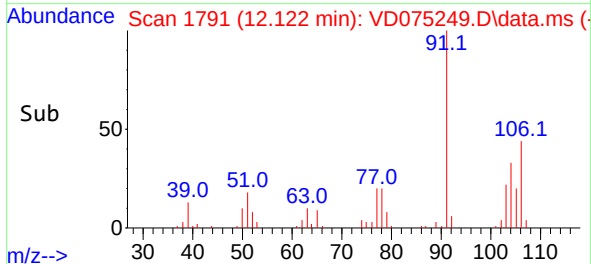
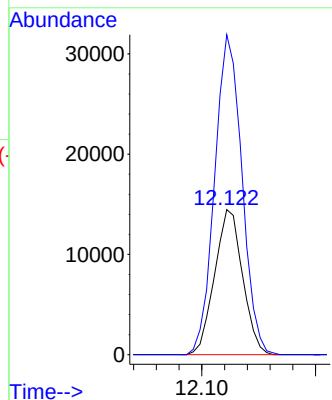
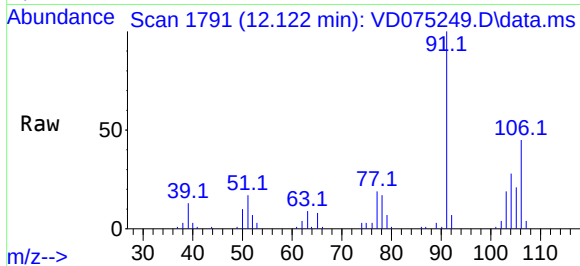




#69
o-Xylene
Concen: 21.521 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

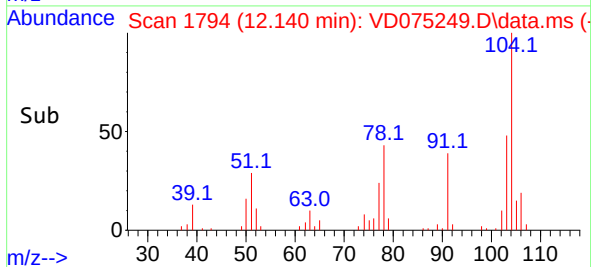
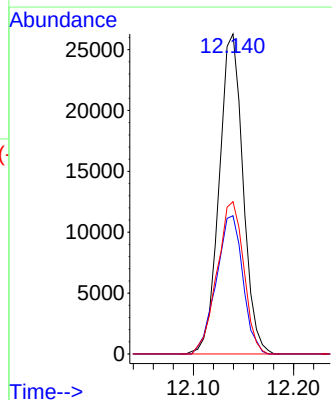
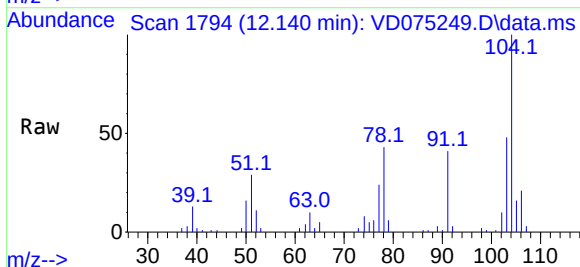
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

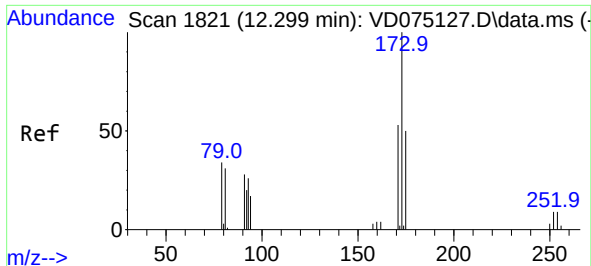
Tgt Ion:106 Resp: 24749
Ion Ratio Lower Upper
106 100
91 215.2 103.6 310.9



#70
Styrene
Concen: 22.679 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:104 Resp: 43356
Ion Ratio Lower Upper
104 100
78 48.2 38.9 58.3
103 53.0 43.6 65.4

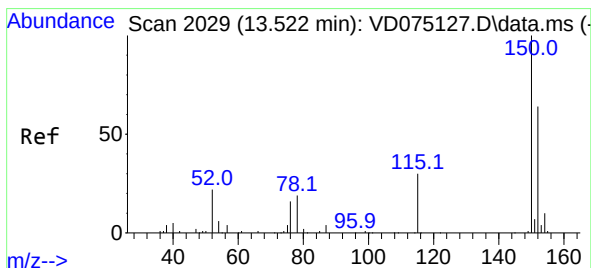
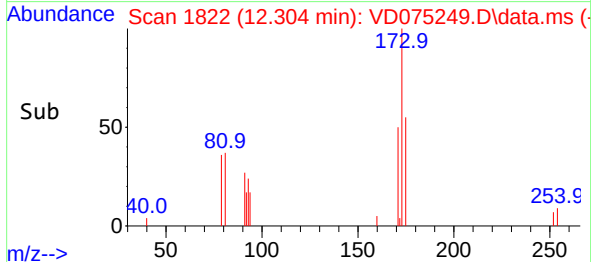
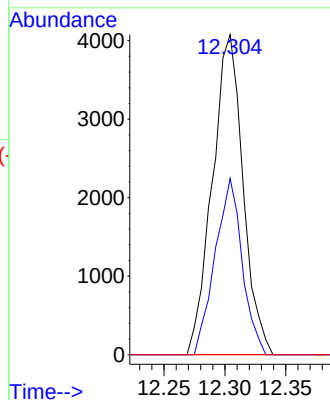
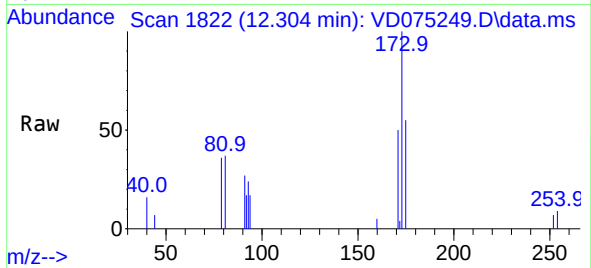




#71
Bromoform
Concen: 23.327 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

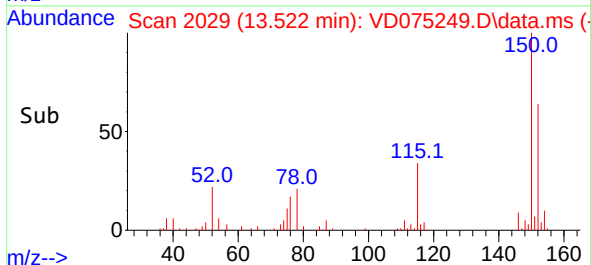
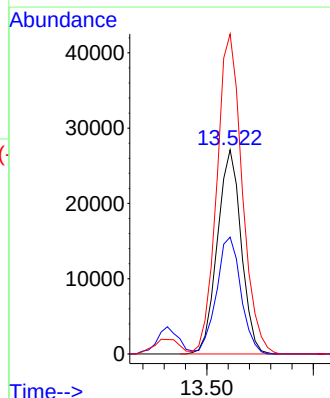
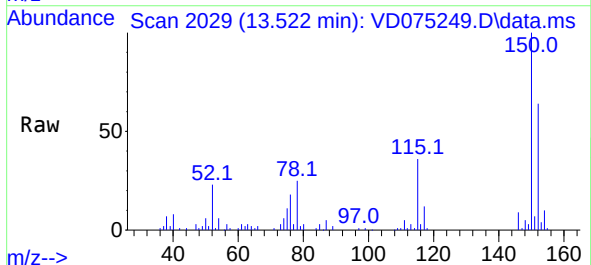
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

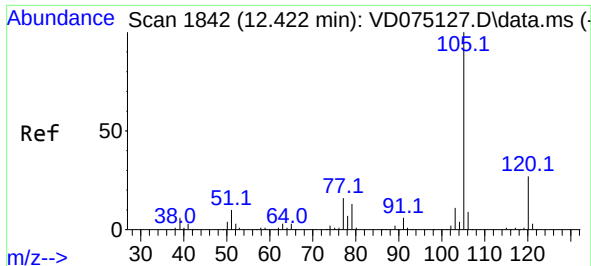
Tgt Ion:173 Resp: 7143
Ion Ratio Lower Upper
173 100
175 48.6 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:152 Resp: 42080
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.4
150 166.9 0.0 348.6

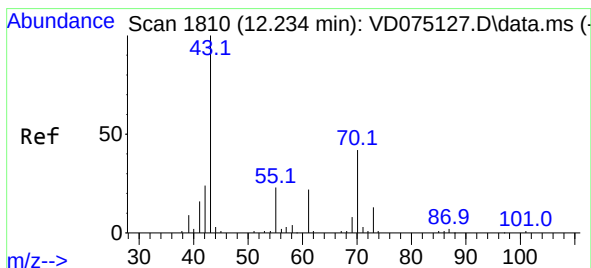
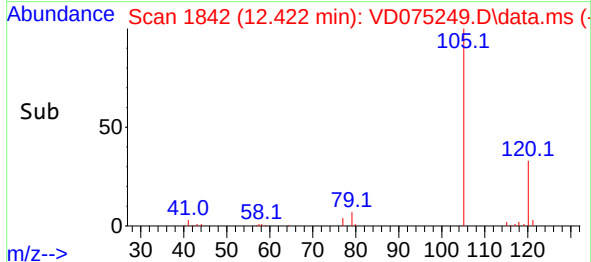
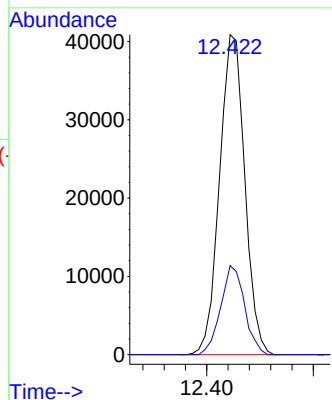
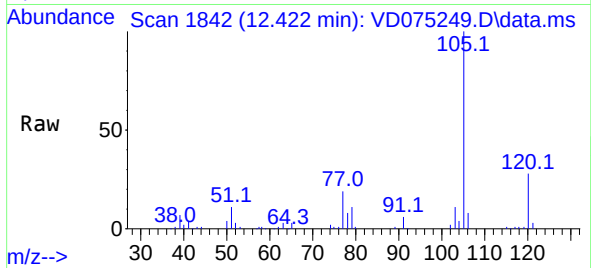




#73
Isopropylbenzene
Concen: 20.187 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

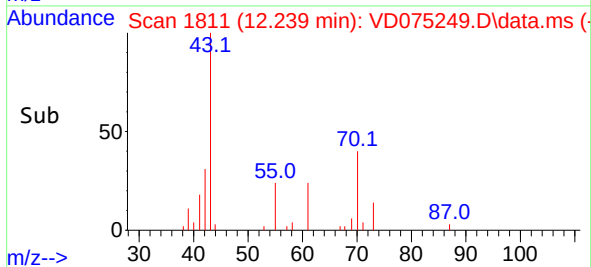
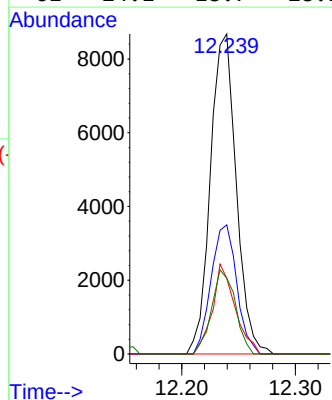
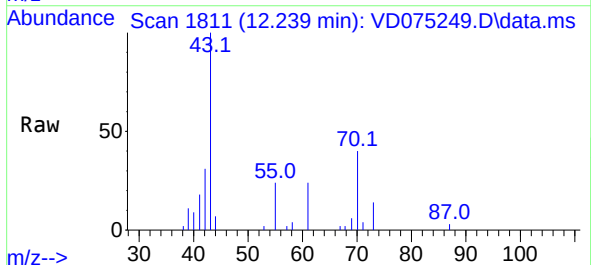
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

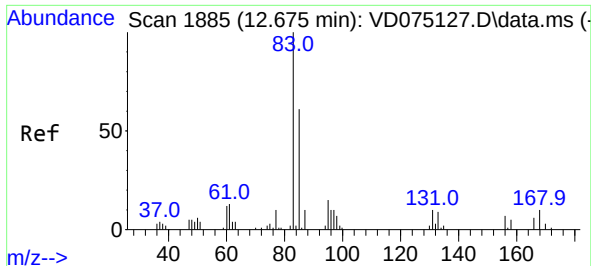
Tgt Ion:105 Resp: 67098
Ion Ratio Lower Upper
105 100
120 26.3 13.7 41.1



#74
N-ethyl acetate
Concen: 18.843 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 43 Resp: 13720
Ion Ratio Lower Upper
43 100
70 40.1 32.6 49.0
55 24.8 17.8 26.8
61 24.1 18.7 28.1

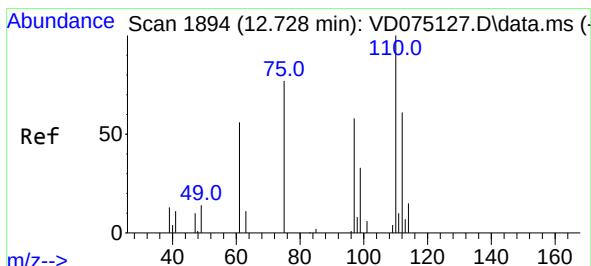
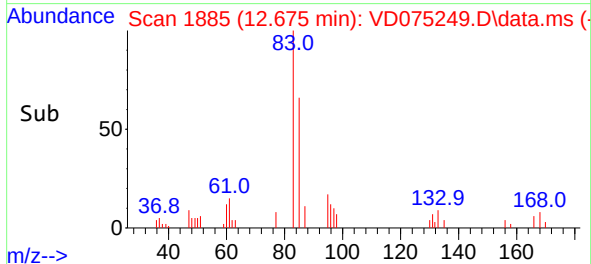
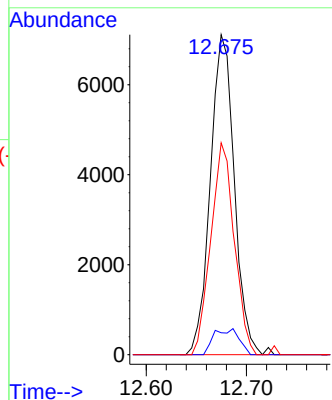
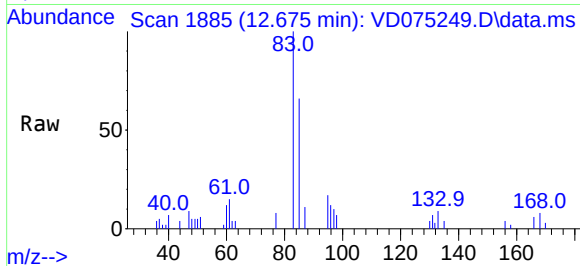




#75
1,1,2,2-Tetrachloroethane
Concen: 22.365 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

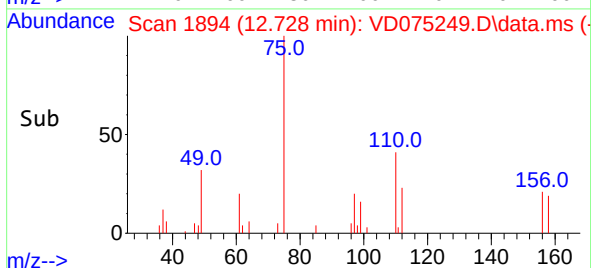
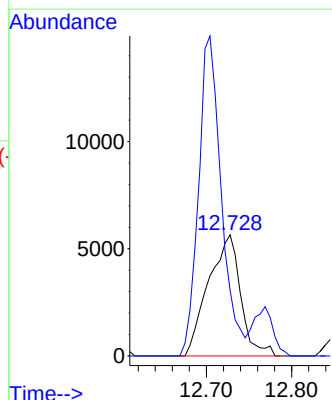
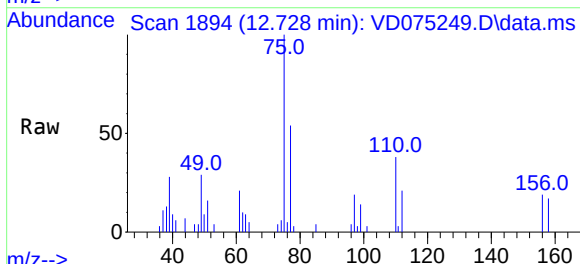
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

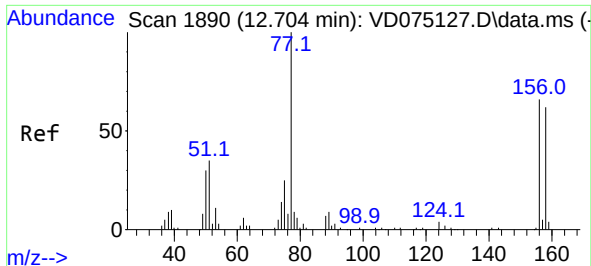
Tgt Ion: 83 Resp: 11844
Ion Ratio Lower Upper
83 100
131 8.5 4.9 14.6
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 41.550 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 75 Resp: 14808
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

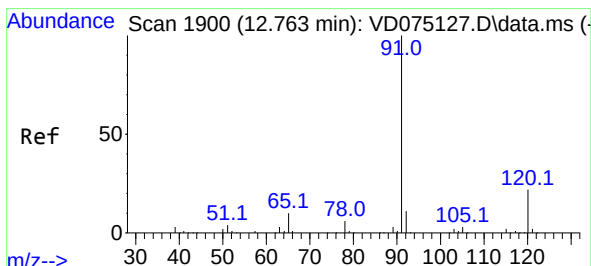
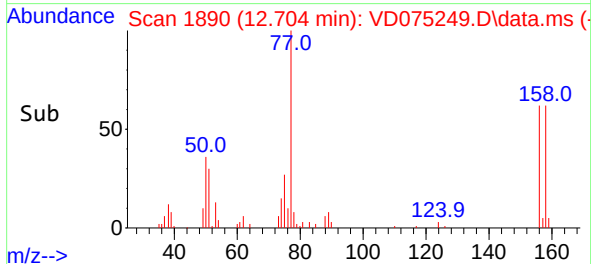
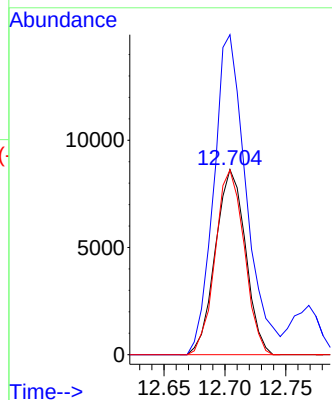
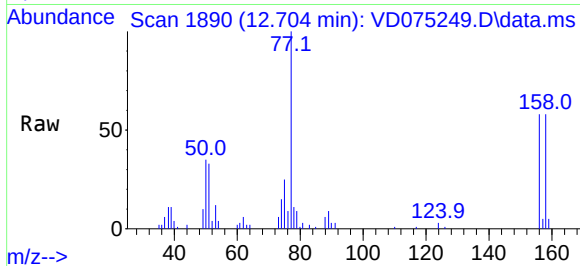




#77
Bromobenzene
Concen: 19.593 ug/l
RT: 12.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

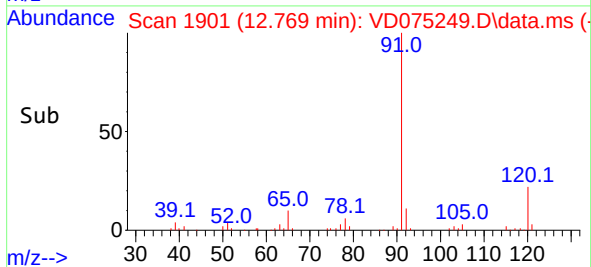
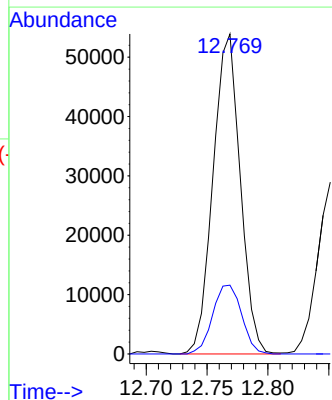
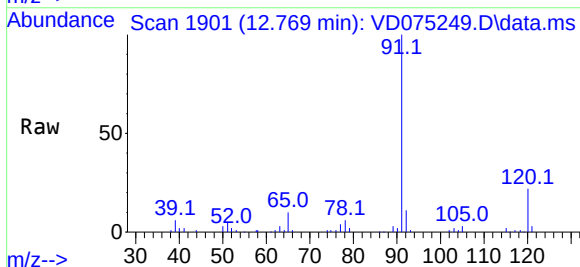
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

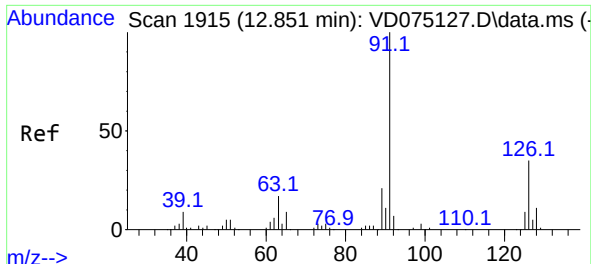
Tgt Ion:156 Resp: 14875
Ion Ratio Lower Upper
156 100
77 186.2 85.6 256.8
158 96.1 47.3 141.9



#78
n-propylbenzene
Concen: 20.557 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 91 Resp: 83965
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 20.582 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

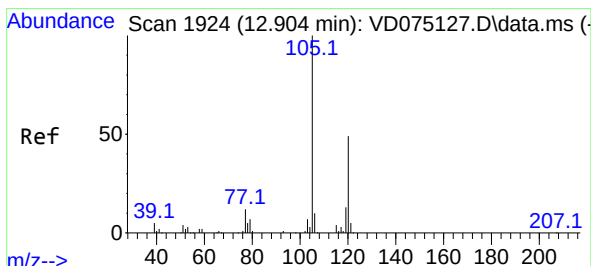
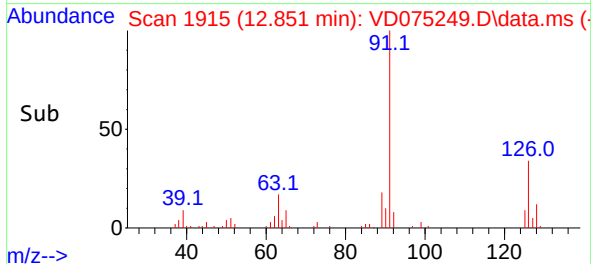
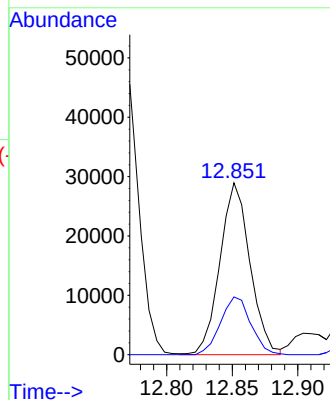
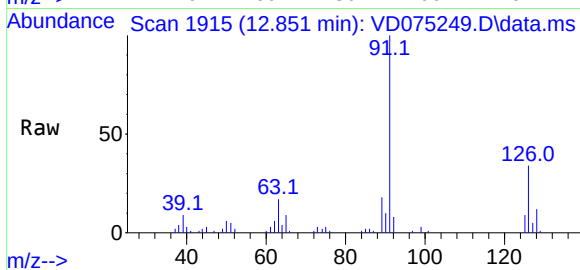
VD0131SBS01

Tgt Ion: 91 Resp: 46236

Ion Ratio Lower Upper

91 100

126 33.7 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 20.930 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075249.D

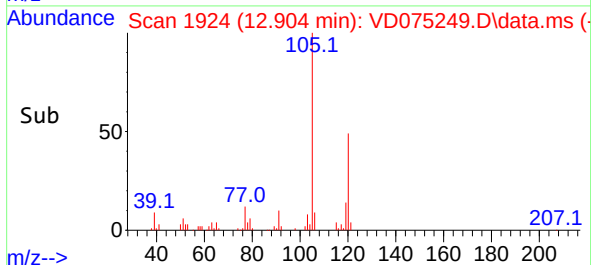
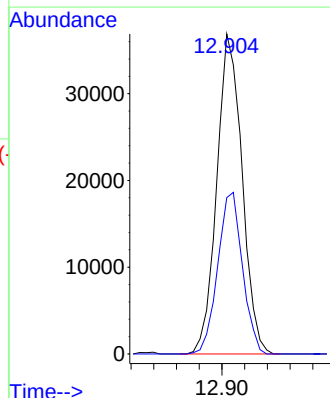
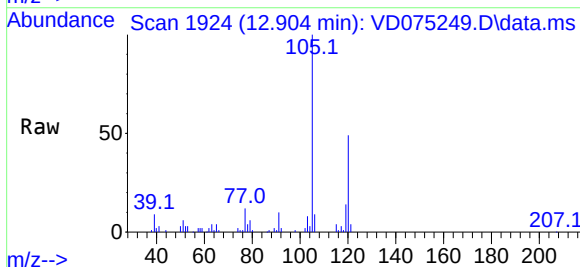
Acq: 31 Jan 2023 11:43

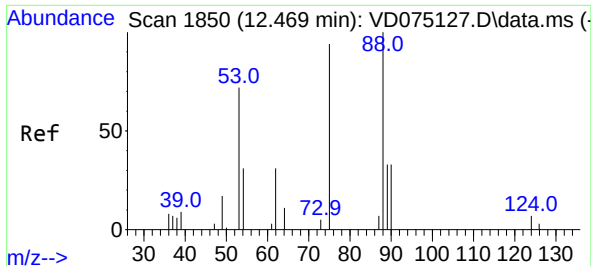
Tgt Ion: 105 Resp: 56998

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8

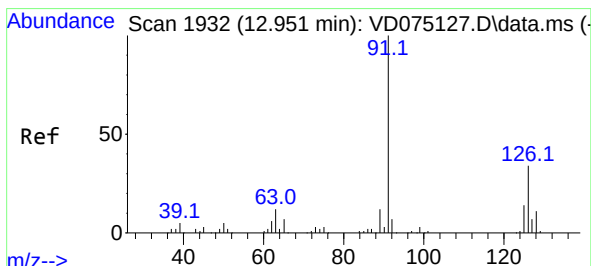
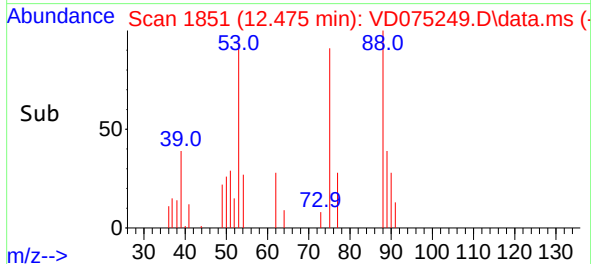
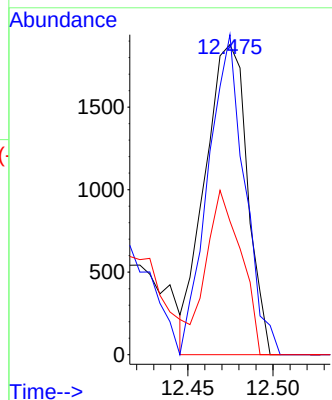
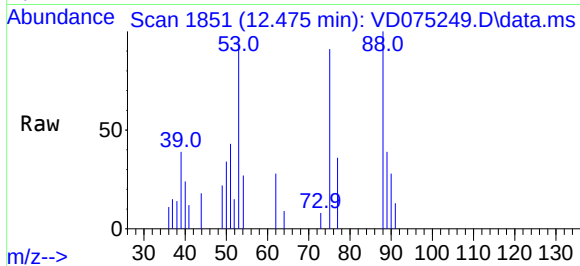




#81
trans-1,4-Dichloro-2-butene
Concen: 21.238 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

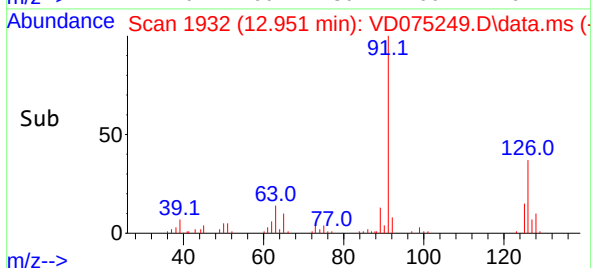
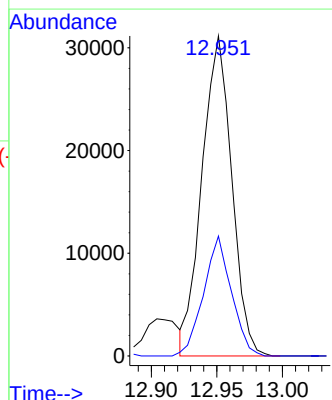
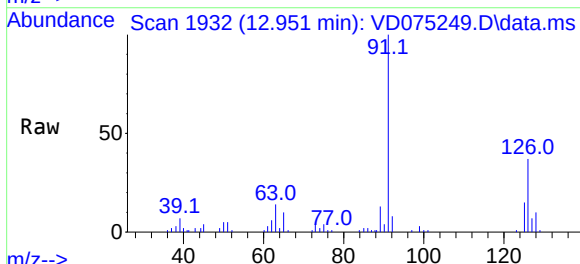
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

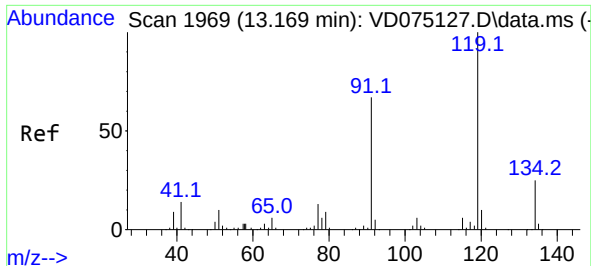
Tgt Ion: 75 Resp: 3263
Ion Ratio Lower Upper
75 100
53 89.0 70.5 105.7
89 42.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 21.327 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion: 91 Resp: 49258
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

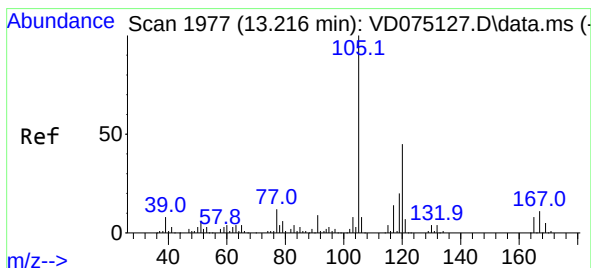
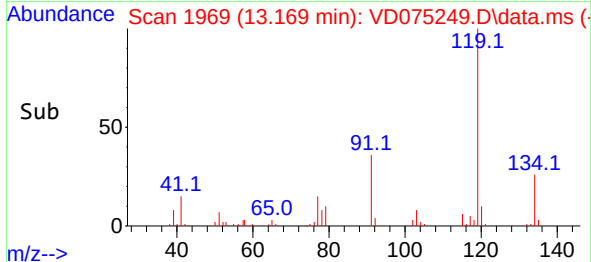
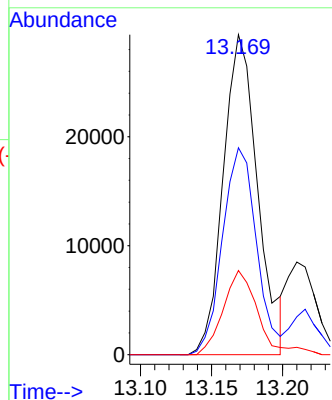
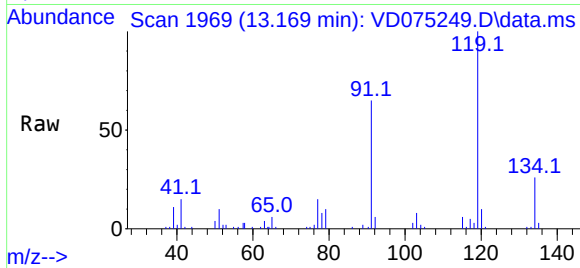




#83
tert-Butylbenzene
Concen: 20.997 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

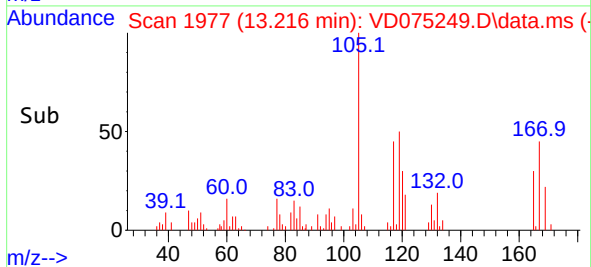
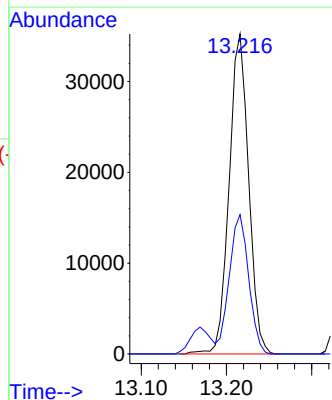
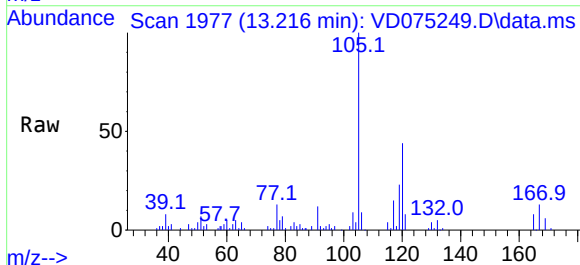
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

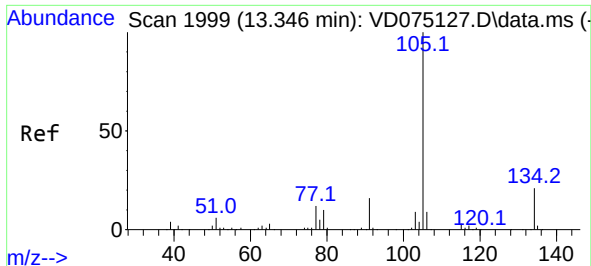
Tgt Ion:119 Resp: 49476
Ion Ratio Lower Upper
119 100
91 63.9 32.9 98.6
134 26.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.944 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:105 Resp: 56012
Ion Ratio Lower Upper
105 100
120 43.4 23.2 69.5

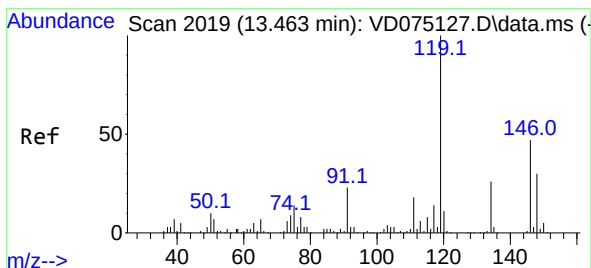
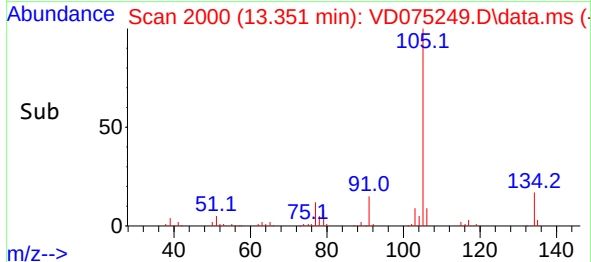
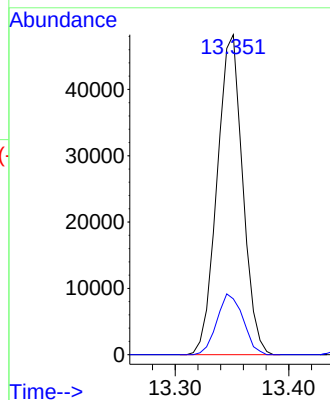
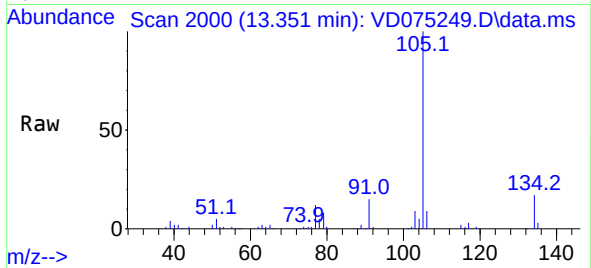




#85
sec-Butylbenzene
Concen: 21.081 ug/l
RT: 13.351 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

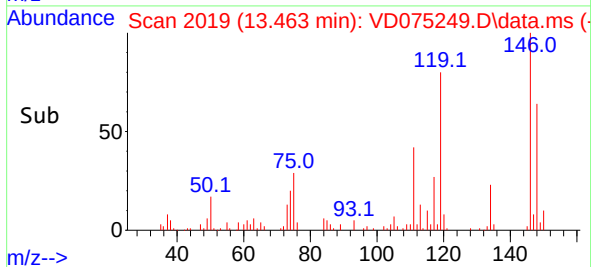
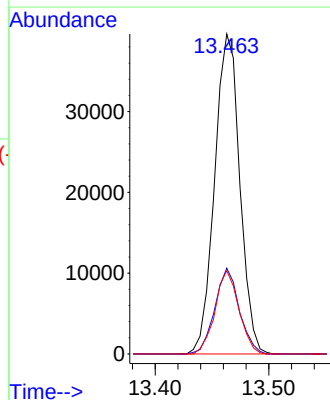
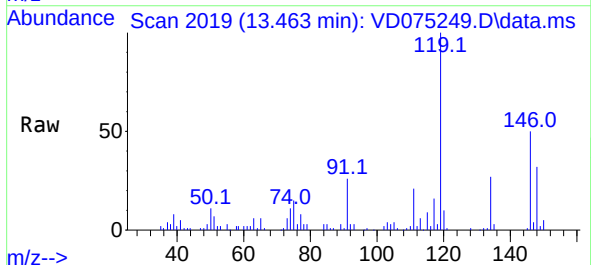
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

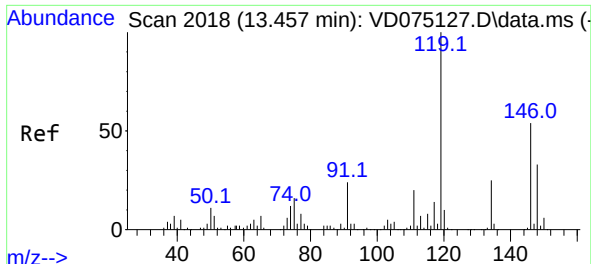
Tgt Ion:105 Resp: 75460
Ion Ratio Lower Upper
105 100
134 19.4 10.4 31.2



#86
p-Isopropyltoluene
Concen: 20.793 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:119 Resp: 60934
Ion Ratio Lower Upper
119 100
134 26.0 13.3 39.8
91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 21.768 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

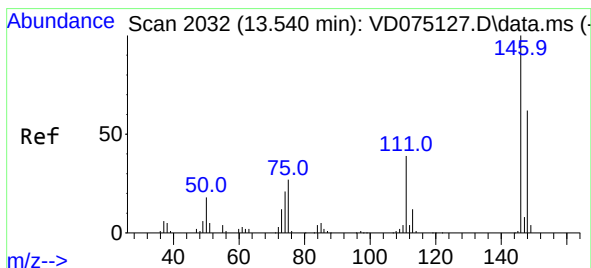
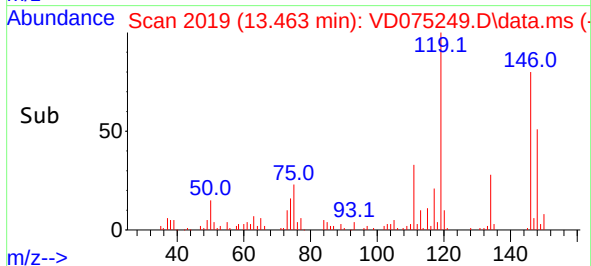
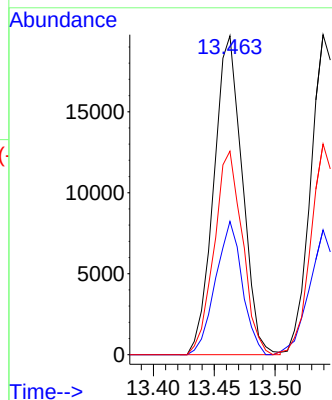
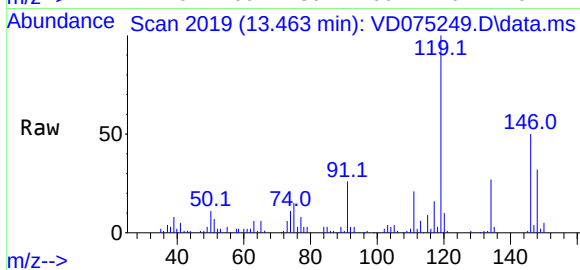
Tgt Ion:146 Resp: 32035

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.9

148 63.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 21.796 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

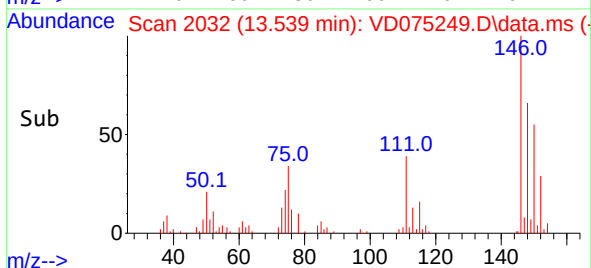
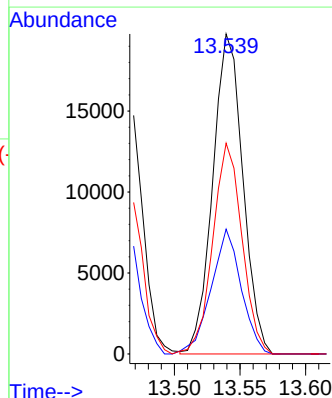
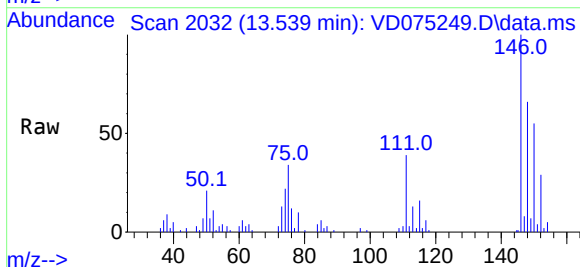
Tgt Ion:146 Resp: 31559

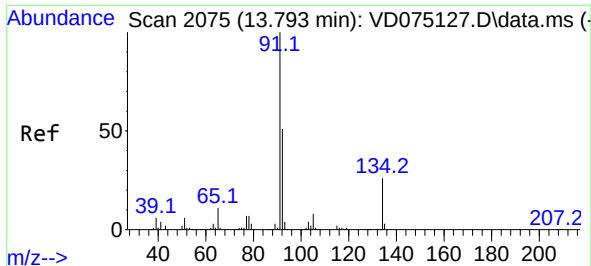
Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.1

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 20.395 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

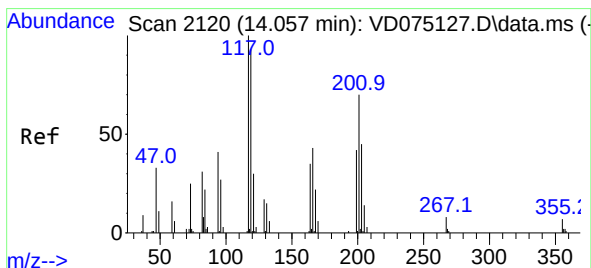
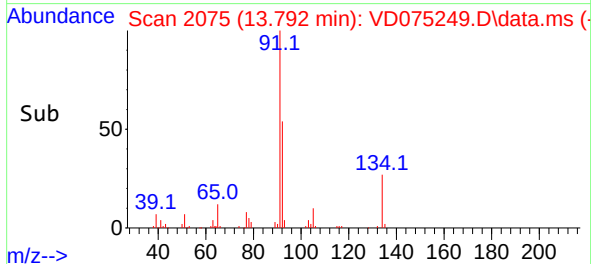
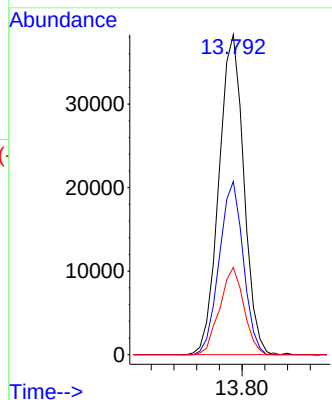
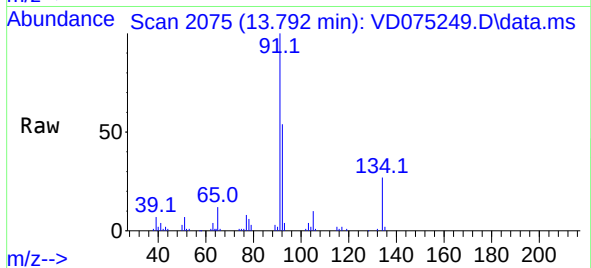
Tgt Ion: 91 Resp: 58240

Ion Ratio Lower Upper

91 100

92 52.4 26.8 80.3

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 22.265 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD075249.D

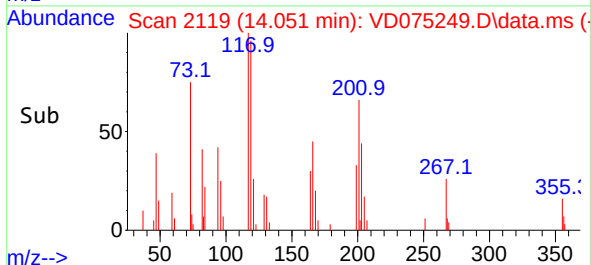
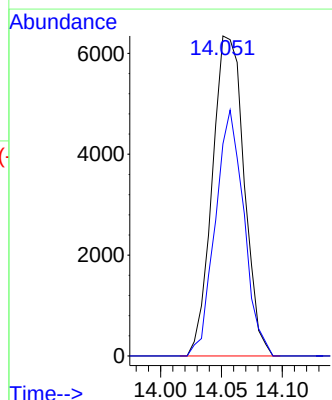
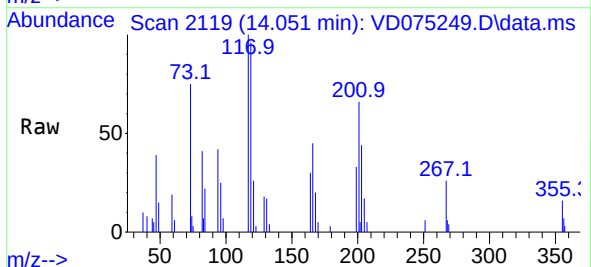
Acq: 31 Jan 2023 11:43

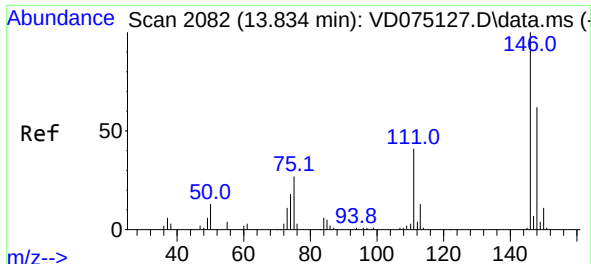
Tgt Ion: 117 Resp: 11522

Ion Ratio Lower Upper

117 100

201 69.3 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 21.491 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD0131SBS01

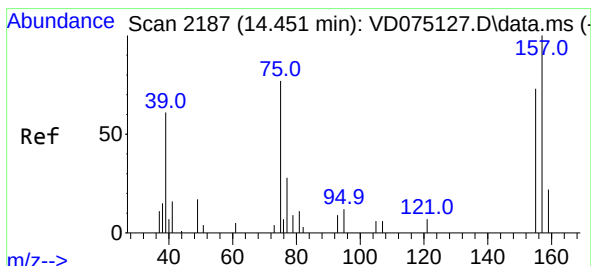
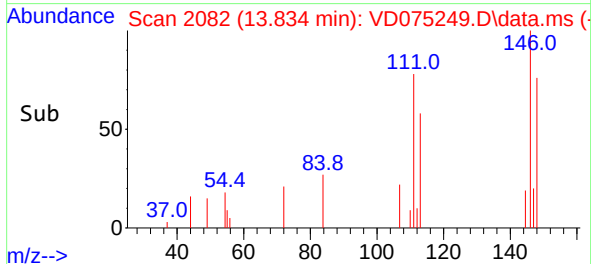
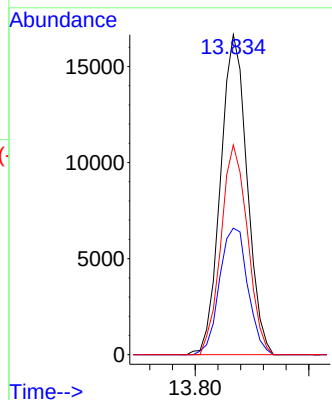
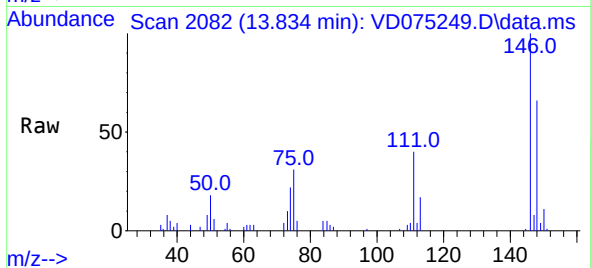
Tgt Ion:146 Resp: 27059

Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.2

148 65.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.884 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD075249.D

Acq: 31 Jan 2023 11:43

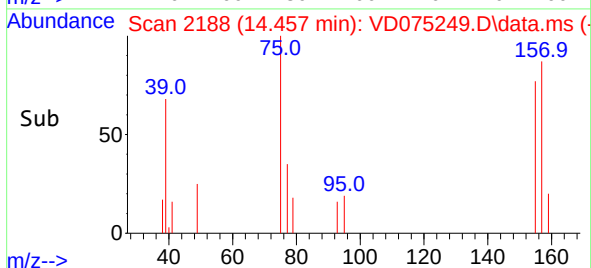
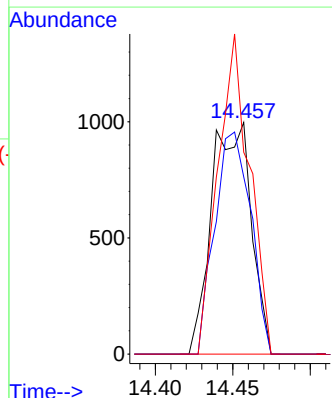
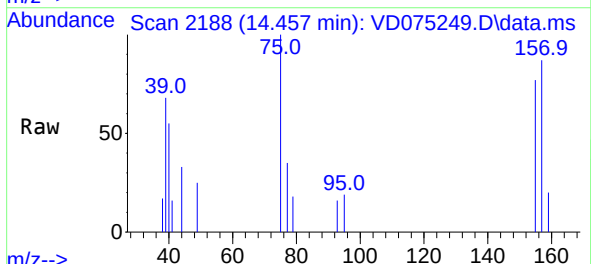
Tgt Ion: 75 Resp: 1772

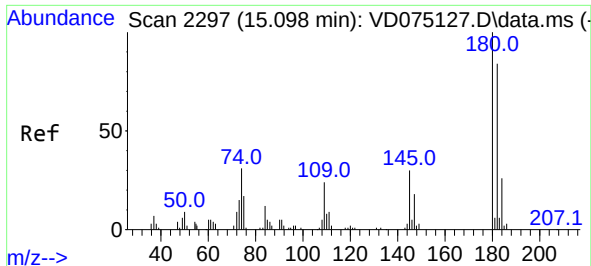
Ion Ratio Lower Upper

75 100

155 86.9 43.4 130.2

157 110.4 56.4 169.2

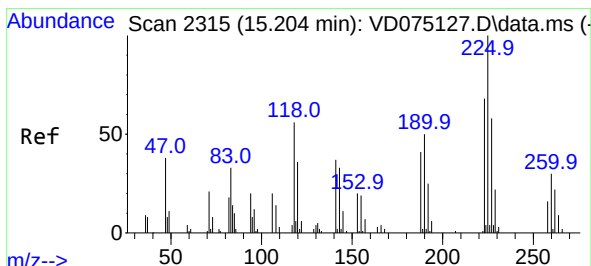
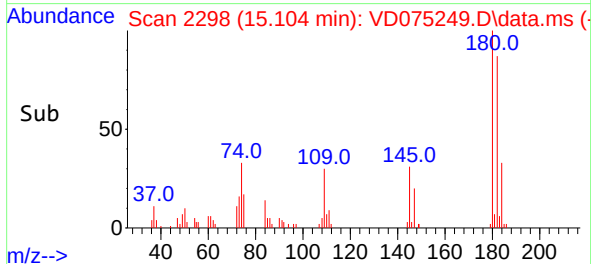
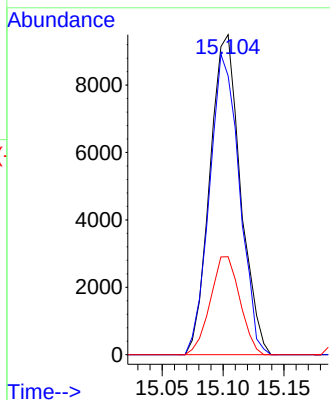
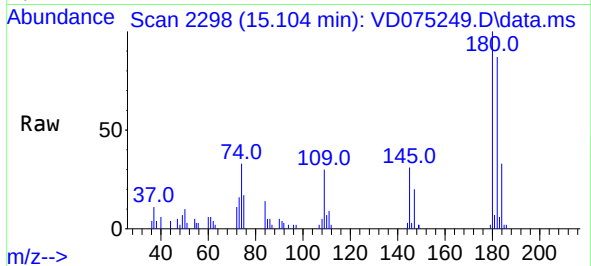




#93
1,2,4-Trichlorobenzene
Concen: 20.041 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

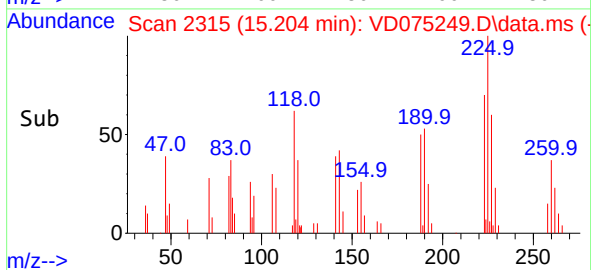
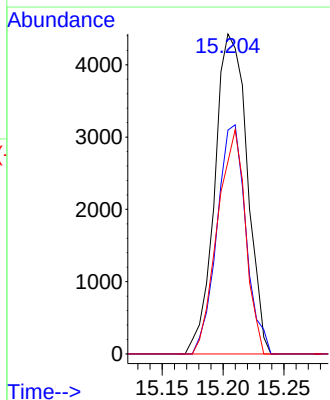
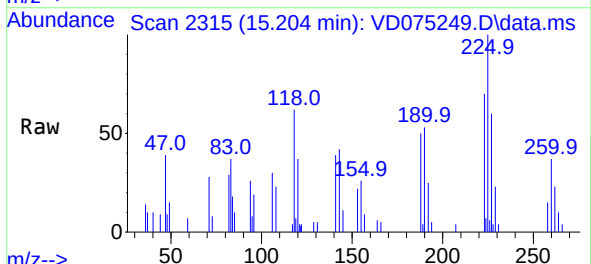
Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

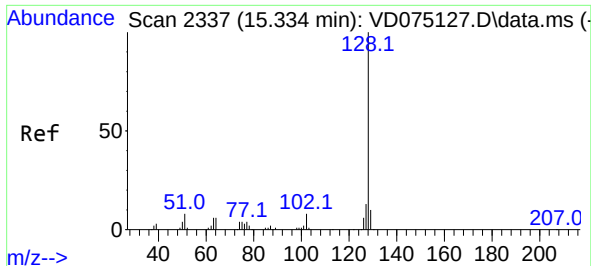
Tgt Ion:180 Resp: 16570
Ion Ratio Lower Upper
180 100
182 92.1 46.2 138.6
145 29.7 15.8 47.4



#94
Hexachlorobutadiene
Concen: 20.264 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:225 Resp: 8211
Ion Ratio Lower Upper
225 100
223 64.0 31.8 95.4
227 60.4 30.7 92.1

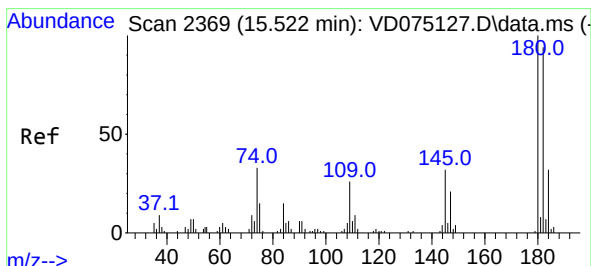
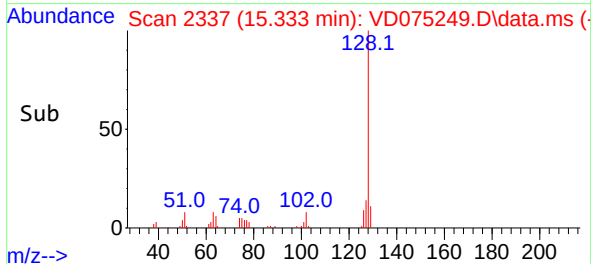
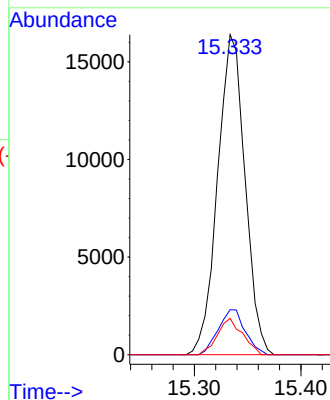
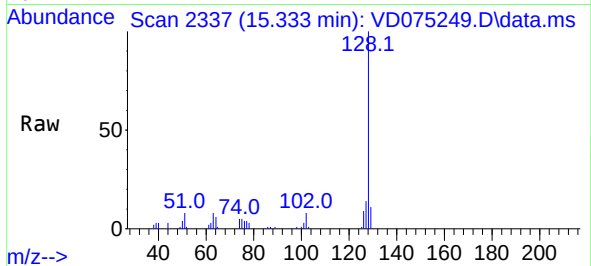




#95
Naphthalene
Concen: 17.787 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD0131SBS01

Tgt Ion:	128	Resp:	29276
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	10.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.012 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075249.D
Acq: 31 Jan 2023 11:43

Tgt Ion:	180	Resp:	14118
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.0	141.0
145	33.4	16.1	48.3

